COMMONWEALTH of PENNSYLVANIA DEPARTMENT of MINES and MINERAL INDUSTRIES



Anthracite Coal Division

1962

Annual Report

Harrisburg, Pennsylvania

WILLIAM W. SCRANTON

Governor

H. B. CHARMBURY

Secretary of Mines and Mineral Industries

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COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF MINES AND MINERAL INDUSTRIES HARRISBURG

H B CHARMBURY

May 1, 1963

Honorable William W. Scranton Governor of Pennsylvania Harrisburg, Pennsylvania

Dear Governor:

In compliance with the Act of April 14, 1903, I transmit herewith the Report of the Department of Mines and Mineral Industries for the year ending December 31, 1962, covering in detail the operations in the Anthracite Division of Pennsylvania.

Respectfully submitted,

H. B. Charmbury

B. Charmbury

Secretary of Mines

and Mineral Industries



WILLIAM W. SCRANTON GOVERNOR OF PENNSYLVANIA

William W. Scranton was elected Governor of Pennsylvania on November 6, 1962, and inaugurated as Pennsylvania's 103rd Governor on January 15, 1963.

Governor and Mrs. Scranton have four children—Susan, William W., Joseph C. and Peter K.

He is a veteran of the United States Air Force, serving in World War II as a pilot and operations officer, and left active duty with the rank of Captain. He is presently a Major in the Air Force Reserve.

He served as Special Assistant to Secretary of State, Christian A. Herter. Administered Secretary's private office, interpreted United States foreign policy for press and represented the United States at conferences in Latin America, North Atlantic Treaty Organization and the United Nations.

In November, 1960, he was elected to the 87th Congress from Pennsylvania's 10th District, and served on the Banking and Currency Committee.

He is or has been a Director, Boys Club of Scranton; Family Service of Lackawanna County; vice-president, President's Council University of Scranton (administered by Jesuit Fathers); trustee, Westminister Presbyterian Church; trustee, Keystone Junior College, LaPlume, Pa; director and member of executive committee Scranton Chamber of Commerce; member—at-large, National Council of Boy Scouts; vice-president of board of directors, Geisinger Memorial Hospital and Foss Clinic, Danville, Pa; special advisory committee and executive committee United Community Chests and Councils of America; campaign chairman 1957 Lackawanna United Fund. Recipient of B'nai B'rith Americanism Award and St. David's Society Distinguished Citiens Award.

Among firms Governor Scranton has served as member of board of directors (resigned all after election to Congress) are International Salt Company, Lackawanna Railroad, International Correspondence Schools World Ltd. and International Textbook Company.

He is a member of the American Legion; Veterans of Foreign Wars; Lackawanna Bar Association; Pennsylvania Bar Association; Reserve Officers Association of United States; Friends of Scouting, Forest Lakes Council, Boy Scouts of America; Lackawanna Historical Society; Everhart Museum Association; Pennsylvania Farmers Association; American Farm Bureau Federation; Scranton Advertising Club; Seniors International, Scranton Chapter No. 1; Lackawanna County Federation of Sportsmen's Clubs; National Rifle Association of America; Scranton Chamber of Commerce; Mid-Valley Old Timers Athletic Association and a varlety of other civic groups and organizations.

Governor Scranton is the son of the late Worthington Scranton, long active in Pennsylvania politics, and the late Marion Margery Scranton, Republican National Committeewoman from Pennsylvania from 1928 to 1951 and National Vice-chairman from 1940 to 1944.



H. B. CHARMBURY, SECRETARY DEPARTMENT OF MINES AND MINERAL INDUSTRIES COMMONWEALTH OF PENNSYLVANIA

H. Beecher Charmbury was appointed Secretary of the Department of Mines and Mineral Industries on January 30, 1963, by Governor William W. Scranton.

Secretary Charmbury was born on September 21, 1914, in Hanover, Pennsylvania. He was graduated from Hanover High School in 1932; Gettysburg College in 1936, receiving an A.B. degree Cum Laude; the University of Pennsylvania in 1937, receiving a M.S. degree; and The Pennsylvania State University in 1942, receiving his Ph. D. degree.

In June, 1938, he married the former Mildred Louise Wentz, and they have two children--Deborah Louise and Thomas Elert.

He was employed by The Pennsylvania State University from September, 1937, to January, 1963, as a Research Assistant, Assistant Professor, Associate Professor and finally as Professor and Head of the Department of Mineral Preparation.

In 1958 he was an invited lecturer at the Third International Coal Preparation Congress at Liege, Belgium, and in 1962 he was an invited lecturer at the First European Symposium on Size Reduction at Frankfurt, Germany.

He has served as technical consultant to various compandes, organizations and municipalities on problems related to the preparation, beneficiation and utilization of bituminous and anthracite coals and metallic and nonmetallic minerals in addition to problems related to the causes and control of air pollution.

Secretary Charmbury has prepared many papers for publication, a few of which are listed below:

Advances in Coal Preparation, <u>Mechanization</u>, Vol. 26, No. 9, Pages 28-34 (September 1962). Traprock Fill Creates Urban Headaches, <u>Rock Products</u>, Vol. 65, No. 9, Pages 106-112 (September 1962). Pinches Sluice to the Rescue, <u>Rock Products</u>, Vol. 65, No. 2, Pages 73-74 (February 1962). Precise Control for Utility and General Industrial Coal, <u>Utilization</u>, 15, No. 7, Pages 11-13 (July 1961).

He is a member of the American Institute of Mining, Metallurgical and Petroleum Engineers, American Chemical Society, American Mining Congress, American Association of University Professors, American Society for Engineering Education and the National Academy of Sciences.

He is also a member of the Grace Lutheran Church; Patmos Lodge No. 348, F. & A. M.; B. P. O. Elks, of which he is the present State Vice President; Centre Hills Country Club; and was Chairman of the Centre County Republican Party from 1960 to January, 1963.

Secretary Charmbury is listed in the American Men of Science, Who's Who in American Education, Who's Who in Engineering, Who's Who in the East and Leaders in American Science.



STATISTICAL REPORTS

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF MINES AND MINERAL INDUSTRIES
ANTHRACITE DIVISION

TOTAL PRODUCTION OF COAL, PRODUCTION FROM STRIPPINGS & WASHERIES;
EMPLOYES, FATALITIES, ETC.

1870 - 1962

						Produc-	Fatal- ities	No. of
	Total	Washery	Stripping			tion	per	ins-
.,	production	production	production	F1	Fatal-	per	million	pec
Year	(net tons)	(net tons)*	(net tons)*	Employes #	ities #	fatality #	tons #	tors #
1870	14,172,004			35,600	211	67,166	14.89	5
1871	15,532,252			37,488	210	73,963	13.52	5
1872	15,567,973			44,745	223	69,811	14.32	5
1873	21,001,521			48,199	264	79,551	12.57	5
1874	19,930,240			53,402	231	86,278	11.59	5
1875	23,402,646			69,966	238	98,330	10.17	6
1876	23,440,666			70,474	228	102,810	9.73	6
1877	24,727,213			66,842	194	127,460	7.85	6
1878 1879	20,900,966			63,964	187 262	111,770	8.95 8.44	6
1880	31,036,600 27,974,532			68,847 73,373	202	118,460	7.22	6
1881	34,202,558			76,031	273	125,284	7.98	7
1882	35,057,430			82,200	295	118,839	8.41	6
1883	37,747,369			91,421	323	116,865	8.56	6
1884	36,468,738			101,073	332	109,846	9.10	6
1885	38,232,155			100,320	332	115,157	8.68	7
1886	38,950,932			103,044	279	139,609	7.16	7
1887	42,156,300			106,517	316	133,406	7.50	7
1888	46,635,037			122,218	364	128,118	7.81	8
1889	43,650,768			119,646	397	109,952	9.09	8
1890	44,986,286			119,919	378	119,011	8.40	7
1891 1892	49,701,322 51,226,978			123,308	428 418	116,125	8.61 8.16	8
1893	52,841,110	¢		130,300 138,069	456	115,880	8.63	8
1894	50,966,920	386,960		139,939	446	114,276	8.75	8
1895	56,948,756	386,534		143,705	421	135,270	7.39	8
1896	53,843,250	527,809		150,088	502	107,257	9.32	8
1897	52,581,036	732,743		149,557	423	124,305	8.04	8
1898	52,812,675	697,759		142,420	411	129,498	7.78	8
1899	60,518,331	1,055,426		140,604	461	131,276	7.62	8
1900	57,363,396	1,818,170		143,824	411	139,570	7.16	8
1901	67,094,665	2,009,864		147,651	513	130,789	7.65	8
1902	41,340,935	2,965,792		148,139	300	137,803	7.26	8
1903 1904	75,232,585 73,594,369	4,119,258 3,440,420		151,827	518 595	145,237	6.89	15
1904	78,647,020	3,897,688		161,330 168,254	644	123,688	8.08 8.19	15 15
1906	72,139,510	4,880,402		166,175	557	129,514	7.72	19
1907	86,056,412	5,630,169		168,774	708	121,549	8.23	20
1908	83,543,243	4,635,923		174,503	678	123,220	8.12	20
1909	80,223,833	5,206,562		171,195	567	141,488	7.07	20
1910	83,683,994	5,412,167		168,175	601	139,241	7.18	20
1911	90,917,176	4,555,457		173,338	699	130,067	7.69	21
1912	84,426,869	4,317,161		175,098	601	140,477	7.12	21
1913	91,626,964	2 934,157		175,310	624	146,838	6.81	21
1914	91,189,641	2, 02,537		180,899	600	151,983	6.58	21
1915 1916	89,377,706	3,418,427		177,339	588	152,003	6.58	21
1916	87,680,198 100,445,299	4,432,606 6,408,277		159,169 156,148	565 581	155,186 172,883	6.44 5.78	25 25
1918	99,445,794	7,246,454		148,226	556	178,859	5.59	25
1919	87,838,024	3,616,675		153,780	636	138,110	7.24	25
1920	89,636,036	5,435,697		149,117	490	182,931	5.47	25
1921	90,358,642	1,842,096		161,926	546	165,492	6.04	25
1922	53,910,201	2,525,402		159,880	300	179,701	5.56	25
1923	92,653,641	4,212,001		158,764	515	179,910	5.56	22
1924	87,277,449	1,141,796		162,503	496	175,963	5.68	22

							Fatal-	No.
						Produc-	ities	of
	Total	Washery	Stripping			tion	per	ins-
	production	production	production		Fatal-	per	million	pec-
Year	(net tons)	(net tons)*	(net tons)*	Employes	ities	fatality	tons	tors
1925	61,334,145	894,187		163,825	401	152,953	6.54	18
1926	83,874,500	1,365,175		168,734	455	184,340	5.42	18
1927	79,367,154	1,841,440		167,648	492	161,315	6.20	25
1928	74,552,312	1,614,863		160,721	447	166,784	6.00	25
1929	72,985,844	878,599		153,422	483	151,109	6.62	25
1930	68,776,559	890,389		151,171	444	154,902	6.46	25
1931	59,115,387	1,468,572	%	139,400	384	153,946	6.50	25
1932	49,501,511	1,062,853	3,545,948	119,480	243	203,710	4.91	21
1933	49,507,577	2,090,996	4,308,811	102,469	232	213,395	4.69	21
1934	56,798,951	1,516,393	4,461,894	106,251	260	218,458	4.58	19
1935	51,359,111	1,876,700	4,962,514	100,539	267	192,256	5.20	17
1936	54,264,016	1,411,988	3,757,678	99,704	241	225,162	4.44	16
1937	51,700,296	1,882,026	5,014,052	99,117	212	243,869	4.10	22
1938	46,269,511	2,031,432	5,080,344	96,998	223	207,487	4.82	20
1939	51,399,707	2,347,269	5,308,049	93,352	210	244,761	4.09	24
1940	51,526,454	2,599,280	6,010,364	90,790	182	283,112	3.53	23
1941	53,942,177	3,689,538	7,855,945	88,849	189	285,408	3.50	22
1942	57,939,629	4,045,970	9,657,307	83,707	225	257,509	3.88	22
1943	60,511,730	7,715,860	8,688,896	79,369	218	277,577	3.60	23
1944	64,112,589	10,527,481	10,925,619	78,145	171	374,927	2.67	24
1945	55,901,235	9,454,205	10,521,174	76,265	137	408,038	2.45	23
1946	61,978,710	9,214,678	12,912,992	80,556	169	366,738	2.73	24
1947	58,227,985	7,076,796	12,691,382	80,730	165	352,897	2,83	24
1948	59,108,810	6,735,688	13,485,837	80,390	131	451,212	2.22	26
1949	44,710,118	4,823,144	11,081,087	79,209	92	485,980	2.06	26
1950	46,339,255	4,027,249	12,291,325	75,231	86	538,829	1.86	25
1951	42,389,055	4,843,834	11,376,379	70,357	94	450,947	2.22	25
1952	40,067,130	4,710,495	11,019,185	66,438	92	435,512	2.30	25
1953	30,495,391	3,892,083	8,883,984	56,952	59	516,871	1.93	25
1954	26,612,312	3,055,528	7,852,186	44,731	47	566,219	1.76	24
1955**		3,618,121	7,826,029	37,397	60	432,247	2.31	20
1956	28,175,633	4,336,168	8,527,613	35,029	54	521,771	1.92	18
1957	25,163,466	4,356,958	7,831,511	32,767	51	493,401	2.03	21
1958	20,456,474	2,711,152	7,001,422	26,738	31	659,886	1.52	20
1959	19,670,615	2,981,696	7,272,661	24,112	46	427,622	2,34	20
1960	17,721,113	3,006,803	7,138,743	20,269	35	506,318	1.98	23
1961	16,506,612	2,418,433	7,279,371	16,971	19	868,769	1.15	23
1962	16,496,315	2,829,421	6,942,675	14,704	26	634,474	1.58	22

Included in total production. No accurate record previous to 1870.

No accurate record previous to 1894.

[#] ¢ % ** No accurate record previous to 1992.

No accurate record previous to 1932.

In 1955 and subsequent years the production, employes, fatalities, etc., of deep mines employing fewer than five (5) persons inside are included in this report.

THIRIY-FOUR YEAR STUDY OF ANTHRACITE, BY COUNTIES #

	West of the last o	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMBD.	SCHUYLK ILL	SULLIVAN	SUSQUE.	WA YNE	DIVISION
	1924	2.654.820	1.044.724	1.113.048	20.392.400	34.711.150	7.207.553	19.238.222	214.773	655.000	45.759	87.277.440
	1930	1,754,134	685,253	867,363	15,312,853	27.456.102	6.749.282	15,673,224	64.071	91.296	122.981	68.776.559
	1931	1.886.084	865.424	756.274	12,768,631	23,766,625	5.728.763	12,925,765	75,542	184.773	157.506	59.115.387
	1932	1.821.911	497,966	673,078	11,729,255	19,327,982	4.679.188	10.479.627	70,794	97.514	124,196	49.501.511
	1933	1.610.409	556,539	652,057	11,090,350	19.861.441	5,102,704	10,252,019	126,101	130,715	125,242	49.507.577
	1934	2,057,670	917,520	631,835	12,440,808	21,438,372	5.767.112	12,911,938	189,070	179,236	265,390	56,798,951
	1935	1,703,018	824,803	549,467	10,437,254	21,059,166	5,469,278	10,761,971	179,134	216,010	159,010	51,359,111
	1936	1.873.797	1.546.144	400,758	11,154,691	21,315,049	5,208,201	12,333,446	213,847	19,169	198,914	54.264.016
	1937	2,076,398	1,251,044	484,403	9,117,509	22,487,109	4,604,212	11,461,545	64.66	15,339	102,858	51,700,296
	1938	1,947,771	1,157,913	425,871	8,439,828	20,365,737	4,090,787	9,774,216 a		7,030	10,975	46,269,511
Total	1939	2,514,152	964,346	476,960	9,198,552	23,377,666	4,815,235	9,885,719 b	36,684	124,791	5,602	51,399,707
1	1940	2,175,348	1,026,366	505,558	9,259,463	22,672,016	4,499,464	11,242,175 c		86,149	9,071	51,526,454
7	1941	2,401,741	1,067,473	345,545	8,973,827	24,316,481	4,934,077	11,822,153 d		21,686	10,015	53,942,177
on	1942	2,796,798	998,124	57,479	9,344,388	25,767,343	5,295,913	13,520,462 e		62,761	47,248	57,939,629
(net	1943	3,150,839	861,015	229,826	9,149,647	24,082,663	5,463,150	17,396,092 £	101,977	73,037	3,484	60,511,730
us)	1944	3,644,877	1,147,941	299,349	9,427,467	24,810,042	5,743,444	18,834,594 g		46,216	10,903	64,112,589
	1945	3,345,258	1,121,228	292,662	8,083,021	21,073,255	5,001,063	16,731,289 h		66,452	*	55,901,235
	1946	3,166,205	1,457,754	141,800	9,058,331	22,770,658	6,342,793	18,811,399		123,908	*	61,978,710
	1947	2,933,809	1,507,884	28,731	8,538,164	21,990,960	6,779,549	16,259,688		142,415	•	58,227,985
	1948	2,801,893	1,679,495	10,254	8,610,881	21,591,846	6,937,340	17,275,544 1	63,230	138,327	1	59,108,810
	1949	2,126,682	1,380,732	61,389	6,221,743	15,989,846	5,200,490	13,538,194 3	23,585	167,457	1	44,710,118
	1950	1,988,317	1,281,807	52,275	6,526,466	17,112,757	5,211,307	14,066,493 k	26,690	73,143	1	46,339,255
	1951	1,894,035	985,177	30,133	5,775,808	14,882,432	5,749,967	13,021,079 m	28,762	21,662	1	42,389,055
	1952	1,899,297	269,097	898	5,303,545	13,774,952	5,326,146	12,977,572 n	24,055	,		40,067,130
	1953	1,561,836	745,649	21,811	3,555,642	10,201,927	4,247,561	10,142,880 0	18,085	•	•	30,495,391
	1954	1,272,419	568,733	52,281	2,903,470	10,675,181	3,283,315	7,836,675	20,238	,	1	26,612,312
	1955 #	1,749,692	639,990	212,239	2,594,928	9,921,275	2,749,383	8,057,660 p	9,625		•	25,934,792
	1956	1,746,287	841,201	254,495	3,232,566	9,762,753	3,524,853	8,801,402 q	5,715	,	6,361	28,175,633
	1957	1,107,042	850,479	195,499	2,680,409	8,389,265	3,415,614	8,518,317 r	6,841	1	1	25,163,466
	1958	623,195	888,009	123,861	2,094,170	6,774,033	2,600,831	7,307,839 \$	15,174	1,680	27,683	20,456,475
	1959	518,252	692,224	142,720	2,147,827	6,172,748	2,551,604	7,432,081 t	8,052		5,107	19,670,615
	1960	519,583	474,234	129,002	1,853,008	5,380,696	2,414,599	6,933,916 u	13,828	649	1,568	17,721,113
	1961	579,106	464,421	108,542	1,194,971	5,307,953	2,004,278	6,827,844 v	16,534	1,645	1,318	16,506,612

THIRTY-FOUR YEAR STUDY OF ANTHRACITE, BY COUNTIES #

1924 4,776 2,213 2,043 35,846 65,310 14,660 37,672 708 1,1178 99 152,503 1932 4,160 1,797 2,016 35,717 59,223 11,324 25,644	YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAMANNA	LUZERNE	NORTHUMBD.	SCHUYLKILL	SULLIVAN	SUSQUE.	WA YNE	DIVISION
1930 4,216 1,777 2,016 36,317 61,114 11,334 31,302 356 427 274	1924	4.776	2,213	2,043	35.846	63,308	14.660	37.672	708	1.178	8	162.503
1931 4,160 1,200 1,766 33,779 59,225 11,336 25,654 396 322 342	1930	4,216	1,757	2,016	36,317	61,114	11,354	33,082	584	457	274	151,171
3,670 9,67 1,657 28,700 50,084 21,507 703 44,450 21,507 703 44,450 21,507 703 45,450 21,507 703 21,507 703 20,508 44,450 21,507 71,80 21,507 71,80 21,507 71,80 21,507 71,80 41,410 21,507 71,80 41,410 20,508 40,507 71,70 10,607 40,607 40,411 71,70 10,607 40,607 40,408 11,100 20,00	1931	4,160	1,290	1,766	33,797	59,225	11,326	25,654	286	254	342	138,400
4,932 1,036 21,537 44,40 7,910 21,547 718 20,20 4,935 1,036 22,937 44,40 7,70 1,967 310 200 209 4,935 1,324 1,02 22,934 44,74 7,77 19,677 310 200 209 4,936 1,940 1,01 20,089 44,744 7,529 19,109 611 20 209 4,936 1,941 91 1,944 904 11,818 45,734 1,449 90 21,544 90 20 40 20 40	1932	3,870	266	1,657	29,700	50,231	10,084	21,507	703	454	297	119,500
4,344 944 </td <td>1933</td> <td>3,392</td> <td>1,009</td> <td>1,285</td> <td>21,375</td> <td>44,450</td> <td>7,980</td> <td>21,547</td> <td>718</td> <td>203</td> <td>210</td> <td>102,469</td>	1933	3,392	1,009	1,285	21,375	44,450	7,980	21,547	718	203	210	102,469
4,935 1,324 1,012 20,889 44,744 7,777 19,697 396 40 225 4,936 1,457 19,697 19,607 19,607 19,189 44,744 19,189 44,744 19,189 44,744 19,189 44,744 19,189 44,744 19,189 44,744 19,189 44,744 19,189 44,744 19,189 44,744 19,189 40,244 19,189 40,244 19,189 40,244 19,189 40,244 19,189 40,244 19,189 40,244 19,189 40,244 19,189 40,244 19,189 40,244 19,189 40,244 19,189 40,244 19,189 40,244 19,189 19,189 40,244 19,2	1934	4,344	948	1,126	22,954	46,737	8,161	21,062	210	200	500	106,251
5,517 1,657 888 19,607 44,44 7,525 11,19 611 27 21,9 4,712 1,921 1,971 918 19,607 44,7 19,028 426 10,028 11,028	1935	4,935	1,324	1,012	20,889	43,701	7,757	19,697	296	403	225	100,539
4,282 1,671 877 19,188 45,731 7,439 19,002 426 158 66 4,686 19,943 918 17,818 45,731 7,432 18,002 20 422 20 4,686 19,943 918 17,818 45,731 16,619 6 19 20 20 42 10 44,46 11 47 46 46 46 16,619 6 11 17 11 16,619 6 16 46 46 16 46 16 46 16 46 16 46 46 16 46 46 16 46 46 46 46 46 46 46 46 46 46 46 46 46	1936	5,517	1,697	888	19,607	44,454	7,525	19,159	611	27	219	99,704
4,713 1,943 918 17,818 45,731 7,473 16,644 215 20 4 20 4,714 1,943 918 17,818 45,734 7,473 16,644 215 225 19 17,819 45,244 7,657 16,644 215 225 19 17,817 14,974 16,644 14,944 11,918 14,318 37,256 6,648 16,641 144 37 16,644 144 37 16,644 144 37 16,644 144 37 16,644 144 37 16,644 144 37 16,644 144 37 16,644 144 37 16 46,614 144 37 16 46,614 144 37 16 46,614 144 37 16 46,614 144 37 16 46,614 144 37 16 46,424 18,624 18,624 18,624 18,624 18,624 18,624 18,624 18,624 18,624 18,6	1937	4,282	1,871	877	19,188	45,755	7,489	19,002	426	158	69	99,117
4,686 1,943 904 17,875 44,644 9 1,644 9 1,644 9 1,644 9 1,644 9 1,644 9 1,644 1,644 9 1,644 1,644 1,644 1,644 1,644 1,644 1,644 1,644 1,644 1,644 1,644 1,644 1,644 1,644 1,644 1,744 4,726 6,485 1,645 1,144 1,744 35,129 6,485 1,645 1,144 1,1	1938	4,713	1,951	918	17,818	45,731	7,473	18,065 a	290	42	50	97,021
4,776 1,664 967 16,860 40,776 1,000 cm 1,000 cm 14,000 cm	1939	4,686	1,943	906	17,875	43,344	7,637	16,494 b	215	235	19	93,352
4,446 1,489 597 14,974 43,726 6,813 16,613 d 144 39 16,148 43,486 598 16,613 d 144 38 16,613 d 194 195 14,388 16,614 d 18 16,615 d 19 16,614 d 18 43 16,614 d 18 43 16,615 d 19 104 38 43 44 18 16,612 d 18 16 18 16 18 16 18 18 18 16 18 18 16 18	1940	4,376	1,664	867	16,860	43,238	7,397	16,039 c	187	145	17	90,790
4,433 1,486 353 14,388 39,29 6,488 16,944 104 38 43 4,947 1,711 149 12,344 33,607 6,498 16,944 16,944 14 18,024 14 14 14 14,344 13,044 18,025 16,495 16,944 16,944 16,944 16,944 16,944 16,944 16,944 14 14 4,944 14,949 12,344 33,669 6,499 18,712 9 11 7 7 8 8 15,11 14 8 8 15,11 14 8 8 15,11 14 8 8 15,11 14 8 8 15,11 14 15,11 14 15,11 14 15,11 14 15,11 14 15,11 14 15,11 14 15,11 15,11 15,11 15,11 15,11 15,11 15,11 15,11 15,11 15,11 15,11 15,11 15,11 15,11 </td <td>1941</td> <td>4,446</td> <td>1,489</td> <td>287</td> <td>14,974</td> <td>43,726</td> <td>6,815</td> <td>16,615 d</td> <td>144</td> <td>37</td> <td>16</td> <td>88,849</td>	1941	4,446	1,489	287	14,974	43,726	6,815	16,615 d	144	37	16	88,849
4,337 1,316 130 13,064 33,607 6,485 18,022 164 14 4,386 1,924 195 11,340 33,660 6,485 18,022 21 14 *** 4,886 1,924 195 11,400 33,686 6,487 18,721 21 1 *** ** 4,989 2,162 300 112,010 33,686 6,487 19,127 0 1 21 1 4 1 4 1 4 1 ** ** 4 4 1 1 1 4 1 4 4 1 1 1 1 1 4	1942	4,433	1,486	553	14,388	39,219	6,498	16,945 e	104	38	£	83,707
4,940 1,711 149 12,344 33,660 6,409 18,721 9 271 8 8 8 4,994 11,409 12,344 33,660 6,409 18,721 9 271 8 8 8 4,999 12,114 149 12,344 33,660 6,409 18,721 9 271 8 8 8 4,999 12,112 300 12,010 34,526 6,1134 20,613 181 181 41 8 1 8 8 8 8 8 8 8 8 8 8 8 8	1943	4,337	1,316	130	13,064	35,807	6,485	18,052 f	164	14	*	79,369
4,386 1,954 190 11,400 34,286 5,877 19,127 h 20 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1944	4,940	1,711	149	12,344	33,660	6,409	18,721 g	211	*	*	78,145
4,599 2,162 300 12,101 34,526 6,124 20,613 181 41 ** 4,537 1,963 61 12,222 34,582 6,552 20,332 17 181 41 ** 4,637 1,963 61 12,222 34,582 6,532 20,332 181 94 ** 4,637 1,760 123 11,702 33,746 5,032 17 104 44 ** 3,772 1,964 123 11,002 33,746 5,982 18,199 m 79 9 ** 2,482 1,703 1,704 121 20,744 11,797 m 6,3 9 9 ** 2,483 1,707 1,121 20,104 11,707 21,104 11,707 m 6,3 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	1945	4,588	1,954	195	11,400	32,888	5,877	19,127 h	207	8	*	76,265
4,891 2,319 132 12,381 33,869 6,636 20,302 137 35 8 4 4,420 11,760 83 11,702 33,040 6,530 20,523 1 140 41 8 4,420 11,705 12,322 33,040 6,509 20,047 1 140 41 8 4,420 11,705 12,32 11,000 20,047 1 1,000 12,32 11,000 20,377 1,328 11,000 12,377 1,328 11,000 12,377 1,328 11,000 12,377 1,320 1,	1946	4,599	2,162	300	12,010	34,526	6,124	20,613	181	4	*	80,556
4,637 1,963 61 12,222 34,522 6,531 20,533 1 140 41 ** 4,637 1,760 120 11,702 33,740 6,009 20,047 1 104 41 ** 3,739 11,705 122 11,009 33,776 5,882 10,488 k	1947	4,891	2,319	152	12,381	33,869	6,636	20,302	127	23	*	80,730
4,420 1,760 83 11,772 33,404 6,609 20,047 1 44 ** 3,672 1,705 128 11,002 33,776 5,833 18,119 m 79 ** 3,672 1,496 153 10,440 30,956 5,833 18,119 m 79 ** 2,487 1,292 7 8 7 7 7 7	1948	4,637	1,963	61	12,222	34,282	6,521	20,523 1	140	4	*	80,390
3,739 1,705 12. 1,100 33,776 5,882 19,488 k 101 70 ** 3,779 1,496 123 11,000 33,776 5,832 18,199 m 70 9 ** 3,779 1,496 71 28,177 28,512 5,538 18,199 m 70 9 * 2,489 1,928 71 28,412 25,538 17,117 0.0 9 * * 2,489 1,928 72 7,074 17,302 4,990 15,116 0.1 *	1949	4,420	1,760	8	11,702	35,040	600°9	20,047 3	104	44	*	79,209
3,672 1,496 133 10,410 30,966 3,583 18,199 m 79 ** 2,987 1,532 40 9,717 5,588 18,195 m 79 ** 2,987 1,532 4,690 17,107 0 6,1 6,1 - - 2,487 1,732 4,799 15,116 0 6,1 - - - 2,487 1,121 203 4,934 17,120 10,6 1 -<	1950	3,739	1,705	125	11,005	33,176	5,852	19,458 k	101	70	*	75,231
2,477 1,532 40 9,717 28,512 5,538 17,937 n 63	1951	3,872	1,496	153	10,410	30,596	5,583	18,159 m	42	6	*	70,357
2,987 1,528 71 8,496 22,774 4,949 15,116 o 61	1952	3,279	1,352	40	9,717	28,512	5,538	17,937 n	63	ı	ı	66,438
2,483 957 72 7,074 17,302 4,900 10,123 106	1953	2,987	1,298	71	8,496	23,974	4,949	15,116 0	61	•	•	56,952
# 2,197 1,121 203 4,954 14,399 4,380 10,122 p 20 = = 2,197 1,104 210 4,412 14,218 3,169 9,806 q 7 = = 1,692 1,143 191 4,309 12,442 3,129 9,544 T 7 = 8 837 1,064 107 3,448 9,642 3,702 8,512 8 25 3 18 853 208 2,235 8,937 2,837 7,922 4 21 7,923 2,837 6,002 2,817 6,928 v 16 4 10 339 387 223 1,525 4,558 2,185 5,588 v 16 3 6	1954	2,483	957	72	7,074	17,202	4,090	12,747	106	ı	ı	44,731
2,092 1,104 210 4,415 14,218 3,169 9,806 q 7 = 8 1,897 1,143 191 4,309 1,448 3,242 3,722 8,312 8 2,23 1 8 837 1,064 107 3,448 9,642 3,722 8,312 8 25 3 18 759 963 2,723 6,937 2,837 7,932 8 2,22 = 4 749 963 208 2,137 6,002 2,817 6,928 2 2 = 4 740 349 367 223 1,567 3,156 2,169 5,998 9 16 3 6 339 367 223 1,522 4,558 2,115 5,598 9 16	1955 #	2,197	1,121	203	4,954	14,399	4,380	10,123 p	50	1	1	37,397
1,892 1,143 191 4,309 12,442 3,229 9,544 7	1956	2,092	1,104	210	4,415	14,218	3,169	9,806 9	7	1	ω	35,029
837 1,064 167 3,448 9,642 3,022 8,512 8 25 3 18 8 18 18 18 18 18 18 18 18 18 18 18 1	1957	1,892	1,143	161	4,309	12,442	3,239	9,544 r	7			32,767
613 853 208 3,235 8,397 2,857 7,923 t 22 - 4 759 383 208 2,937 6,002 2,817 6,928 u 21 4 10 349 416 201 2,107 1,107 2,108 2,699 16 3 6 339 387 223 1,523 4,558 2,115 5,538 w 13 2 6	1958	837	1,064	167	3,448	9,642	3,022	8,512 8	12	ო	18	26,738
759 583 208 2,937 6,002 2,817 6,988 u 21 4 10 416 201 2,167 5,126 2,689 5,998 v 16 3 6 339 387 223 1,528 4,558 2,115 5,588 w 13 2 6	1959	613	853	208	3,235	8,397	2,857	7,923 t	52	1	4	24,112
349 416 201 2,167 5,126 2,689 5,998 v 16 3 6 339 387 223 1,523 4,558 2,115 5,538 w 13 2 6	1960	759	283	208	2,937	6,002	2,817	6,928 u	21	4	10	20,269
339 387 223 1,523 4,558 2,115 5,538 w 13 2 6	1961	349	416	201	2,167	5,126	2,689	2,998 v	16	e	9	16,971
	1962	339	387	223	1,523	4,558	2,115	5,538 w	13	5	9	14,704

THIRIY-FOUR YEAR STUDY OF ANTHRACITE, BY COUNTIES #

4 7.689,323 17,094,203 6 7.689,034 12,997,705 8 5.011,395,488 6 5.012,395 47 7 7.724,183 8 5.012,392 7,724,183 8 5.012,392 7,739,705 8 6.384,565 8,991,190 8 7,394,565 8,994,403 9 3,225,238 8,524,943 9 3,707,189 9 3,707,199 1 3,544,95,20 1 2,544,870 1 2,544,870 1 2,544,870 1 2,544,870 1 2,544,870 1 3,544,350 1 2,544,870 1 3,544,350 1 3,544,350	488,917 366,332 220,233 311,794 220,233 311,794 220,233 314,794 220,234 244,098 220,478 224,098 221,234 117,498 231,234 117,498
6, 289, 334, 462, 899, 899, 899, 899, 899, 899, 899, 89	717, 44, 45, 46, 46, 46, 46, 46, 46, 46, 46, 46, 46
5, 288, 65.28 5, 138, 65.3 5, 34, 46.5, 37.2 5, 34, 45.5 5, 36, 45.5 5, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10	0,448,01,450,000,000,000,000,000,000,000,000,000
4,011,322 4,465,322 4,301,651 4,301,651 4,301,651 1,652,899 1,165,899 1,162,899 1,103,179 1,103,	986 986 986 986 986 986 986 986 986 986
4 465, 92 9, 344, 563 4, 430, 651 4, 430, 651 11, 652 11, 653 11, 653 11, 653 11, 653 12, 653 13, 653 14, 653 15, 653 16, 653 17, 753 18, 753	986 947 1320 1320 1320 1488 1520 1520 1520 1520 1520 1520 1520 1520
4,304,651 4,300,651 4,430,651 3,443,651 3,123,238 3,123,238 3,133,133 3,133,133 3,133,133 3,133,133	250 250 250 250 250 250 250 250 250 250
4, 4301, 689 4, 4301, 689 9, 1162, 689 9, 1225, 289 9, 225, 289 9, 225, 289 9, 703, 645 9, 703, 703 9, 703, 703 9, 703, 703 1, 397, 299 11, 397,	8 4 4 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
9.4.439, 99.4.439, 99.4.439, 99.4.439, 99.4.439, 99.8.9.9.9.9.9.9.9.9.9.9.9.9.9.9.9.9.9.	498 320 320 320 330 313 313 313 313 313 313 313 313 31
9.544,769 9.105,289 9.1225,288 9.1225,288 9.1225,288 9.1225,288 9.1225,288 9.1325,388 9.1325,388 9.1336,580 9.1337,289 8.251,870 9.251,870 9.351,289 8.251,870 9.351,289 8.251,870 9.351,289 8.351,289 9.351,289	737 948 932 932 933 331 331 331 331 331 331 331 331 331
3,162,989 3,128,528 3,028,528 3,028,528 3,073,177 3,073,975 3,182,703 3,182,703 3,182,703 3,182,703 1,193 2,410,900 1,37,403	322325533 20232553 20332555 20332 20332 2032
3,225,288 3,226,238 3,465,164 3,465,164 3,717,174 3,306,324 3,306,324 3,306,324 3,306,324 3,405,300 2,541,300 1,397,249 1,397,249 1,397,249 1,397,249 1,397,249 1,397,249 1,397,249 1,397,249 1,397,249 1,397,249 1,397,249	28 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
3,228,288 3,025,609 3,703,177 3,703,177 3,703,177 3,328,378 3,328,378 3,328,378 2,618,500 2,618,500 1,37,29 823,128 823,128 823,128 823,128 823,128 823,128 823,128	881186853
3,655,69 3,465,164 3,705,175 3,705,177 3,308,254 3,308,524 3,405,618,620 2,618,620 2,618,620 2,642,630 1,397,249 1,397,249 1,397,249 1,397,249 1,397,249 1,397,249 1,397,249 1,397,249 1,397,249 1,397,249 1,397,249	8218686868
3,462,164 3,571,795 3,773,773 3,773,773 3,382,524 3,382,578 3,463,500 2,442,600 2,442,600 1,397,249 823,133 843,613	2286253
3,571,795 3,7705,770 3,306,524 3,405,306 2,406,620 2,426,630 1,397,249 1,397,249 1,397,249 1,397,249 1,397,249 1,397,249 1,397,249 1,397,249 1,397,249	2882823
3,703,717 3,703,875 3,308,304 3,408,306 3,408,306 2,541,670 2,541,670 1,397,249 1397,249 1397,249 1397,249 1397,249	3000000
3,075,875 3,308,224 3,382,378 3,405,580 2,618,620 2,541,870 2,041,500 1,397,249 842,613 842,613 842,613	
3,306,524 3,306,524 3,406,360 2,618,620 2,420,001 2,041,500 1,377,249 837,249 837,249 837,249 837,249	
3,382,378 3,409,360 2,618,620 2,541,870 2,420,001 1,397,249 829,113 842,613 842,613	
3,409,360 2,618,620 2,541,670 2,041,500 1,397,249 889,183 889,183 889,183	
2,618,620 2,541,870 2,420,001 2,001,250 1,397,249 839,153 842,613 982,613	
2,541,870 2,420,001 2,041,500 1,387,249 839,153 842,613 982,114	
2,420,001 2,041,500 1,397,249 839,153 842,613 983,114	
2,041,500 1,397,249 839,153 842,613 983,114	
1,397,249 839,153 842,613 983,114	_
839,153 842,613 983,114	
842,613 983,114 928,207	9
983,114	
008 300	
165,020	
555,748	
602,415	2
531,703	8
438,525	8
299,472	œ

THIRIY-FOUR YEAR STUDY OF ANTHRACITE, BY COUNTIES #

17	YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAMANNA	LUZERNE	NORTHUMBD.	SCHUYLKILL	SULLIVAN	SUSQUE.	WA YNE	DIVISION
144 184 12, 2, 13, 25, 195 56 56 196		278	223	712	276	270	273	271	121	298		27.1
178 198 185 175 185		175	147	184	212	213	265	196	99	115		210
154 167 169 154 181 164 96 158 221 229 170 211 167 173 128 221 229 170 211 167 173 129 222 225 181 223 181 183 202 201 186 181 223 181 183 203 204 182 183 183 183 204 205 180 190 194 175 190 154 205 180 190 194 175 190 154 207 207 207 207 204 207 205 207 207 207 207 207 205 207 207 207 207 207 207 207 207 207 207 207 207 207 207 207 207 208 207 207 207 208 209 207 207 209 200 207 207 200 200 207 207 200 200 207 207 200 200 207 207 200 207 207 207 200 207 207 207 200 207 207 207 200 207 207 207 200 207 207 200 207 207 200 207 207 200 207 207 200 207 207 200 207 207 200 207 207 200 207 207 200 207 207 200 207 207 207 207 207		176	178	198	185	175	185	185	99	183	_	180
156 191 209 170 211 167 75 75 75 75 75 75 75		139	191	167	169	154	181	164	8	57	_	160
218 221 225 192 240 195 174 215 159 266 181 223 188 106 105 202 201 159 266 181 223 188 204 202 201 166 166 166 166 166 103 164 205 180 169 166 166 103 103 164 205 180 190 194 176 106 103 164 205 190 196 217 269 186 103 265 287 281 277 226 224 186 210 103 267 287 277 278 278 274 226 224 226 224 226 224 226 226 226 226 226 226 226 226 226 226 226 226 226 22		134	156	161	500	170	211	167	75	192		179
215 193 206 181 222 181 143 205 201 186 224 181 215 189 183 194 205 196 196 116 166 100 123 194 204 199 188 199 116 117 100 194 204 199 188 199 117 100 118 100 118 100 118 100 118 100 100 118 100 100 118 100 100 118 100 118 100		174	218	122	235	192	240	195	174	569	•	206
20.5 11-59 224 181 213 188 208 20.2 20.1 186 196 186 180 103 164 20.2 199 196 196 196 196 103 164 20.2 190 196 196 197 196 103 184 20.2 190 196 197 196 197 197 196 197 197 196 197 197 196 197 197 196 197 197 196 197 197 196 197 197 196 197 197 204 197 196 196 197 204 198 204 210 204 192 204 210 204 210 204 204 210 204 210 204 210 204 210 204 210 204 210 204 210 204 210 204 210 <td></td> <td>147</td> <td>135</td> <td>193</td> <td>206</td> <td>181</td> <td>222</td> <td>181</td> <td>143</td> <td>217</td> <td>198</td> <td>187</td>		147	135	193	206	181	222	181	143	217	198	187
202 201 186 190 186 186 187 186 187 186 187 188 189 187 186 180 183 186 187 186 186 187 186 187 186 187 186 186 186 187 186 189 187 186 189 186 189 189 189 189 189 189 189 189 189 189 189 221 220 220 220 221 220 <td></td> <td>142</td> <td>215</td> <td>159</td> <td>224</td> <td>181</td> <td>213</td> <td>188</td> <td>208</td> <td>171</td> <td>_</td> <td>193</td>		142	215	159	224	181	213	188	208	171	_	193
194 192 1178 168 176 168 176 168 176 168 176 168 176 168 176 168 176 168 176 168 176 168 176 168 176 178 188 178 188		169	202	201	186	190	186	180	123	88	_	186
164 205 189 194 117 100 194 202 189 189 194 117 100 224 202 205 183 180 191 196 188 225 224 205 241 205 226 224 210 226 227 227 227 227 226 227 227 224 74 275 277 227 227 228 227 227 228 224 257 227 227 227 228 224 226 227 227 227 228 227 226 227 227 227 227 228 227 227 227 227 227 227 227 227 227 227 227 227 227 227 227 227 227 228 227 227 227 227 229 227 227 227 227 220 227 227 227 221 221 227 227 222 224 226 227 224 227 227 227 225 227 227 226 227 227 227 227 227 228 227 227 228 227 227 229 227 220 227 221 227 222 227 223 227 224 227 225 227 227 227 227 227 227 227 227 227 227 227 227 227 227 227 227 227 227 227 227 227 227 227 227 227 227 227 227 227 227 227 227 227 227 227 227		166	161	192	178	168	176	168 8	103	88	_	171
194		175	164	205	180	190	194	175 b	100	186		185
235 39 241 259 256 184 421 186 188 235 347 243 247 259 256 224 188 267 312 300 304 252 256 226 239 267 312 300 304 252 256 266 239 264 13 270 274 277 286 250 17 287 270 139 277 288 257 250 27 20 280 115 274 288 264 210 211 20 281 115 274 288 264 210 214 140 287 116 117 270 288 264 210 214 280 120 222 240 223 240 210 210 210 210 210 210 210 210 210		180	194	204	195	183	180	191 c	132	142	_	187
25.5 3.9 2.41 2.59 2.56 2.24 2.59 2.50 2.54 2.50		190	184	221	205	196	217	196 d	188	154	_	199
267 287 273 277 277 277 277 277 277 277 277 278 278 278 278 278 278 278 278 278 278 278 278 279 <td></td> <td>230</td> <td>235</td> <td>36</td> <td>241</td> <td>526</td> <td>236</td> <td>234 •</td> <td>210</td> <td>212</td> <td>•</td> <td>246</td>		230	235	36	241	526	236	234 •	210	212	•	246
257 312 300 304 262 279 h 282 254 74 270 274 29 250 h 200 200 270 77 283 29 277 187 283 260 277 187 270 119 272 283 260 277 183 260 277 183 291 115 274 188 224 260 1 202 220 260 1 122 202 220 200 1		792	267	287	273	777	526	258 f	239	234	*	569
25.7 26.1 27.0 27.4 27.8 27.9 28.9 25.0 25.0 23.4 7.4 27.5 27.8 29.7 29.1 217 28.0 16.3 19.9 27.7 28.1 26.5 20.1 20.2 20.1 11.5 22.4 28.1 26.6 20.1 20.2 20.1 11.5 22.4 28.1 26.6 20.1 120.2 20.7 18.0 20.0 22.2 24.0 23.8 21.0 21.6 14.0 20.7 20.0 22.2 20.0 22.3 21.0 21.6 14.0 16.2 14.0 16.4 187 17.8 17.0 14.0 20.0 18.8 21.6 17.1 20.9 11.9 17.0 11.7 11.0 11.7 11.0 11.0 11.0 11.0 11.0 11.0 11.0 11.0 11.0 11.0 11.0 11.0 11.0 11.		293	292	312	300	304	262	274 9	282	*	*	292
234 74 275 277 278 277 271 271 271 271 271 271 271 272 273 273 283 269 277 183 277 183 277 283 269 277 183 277 273 273 273 273 273 273 273 273 274 274 275 274 274 275 274 275 274 275 274 275 274 275 274 274 274 274 275 274 275 277 275 275 277 275 277 275 277 277 277 277 277 277 277 277 277 277 277 277 277 277		292	267	261	270	274	258	250 h	260	174	*	265
270 139 277 283 269 277 183 281 163 115 274 281 266 270 1 282 115 274 281 265 270 1 202 280 115 275 287 289 264 1 2 287 286 188 265 266 1<		262	234	74	275	278	257	251	217	272	*	500
163 199 277 281 265 250 1 202 291 115 224 188 234 216 1 202 227 180 235 235 236 230 240 140 227 180 236 222 240 241 140 163 140 164 187 118 177 146 176 146 187 179 178 178 178 176 186 156 179 223 210 207 207 207 188 206 190 207 207 207 189 367 177 196 164 188 185 173 180 207 177 155 166 188 185 187 134 166 160 202 202 204 203 166 164 184 168		590	270	139	272	283	569	112	183	255	1	TIZ
293 115 224 188 224 216 123 286 27 189 259 205 289 290 140 227 224 240 228 240 238 210 205 163 140 164 187 778 178 177 0 146 136 156 171 209 119 175 9 35 136 206 192 190 210 205 9 306 136 156 151 188 189 250 110 175 9 306 137 155 168 168 169 165 171 175 1 134 146 160 202 222 242 173 166 1 1 166 160 202 222 242 193 166 1 1 166 160 202 222 242 193 166 1 1		272	163	199	279	281	265	250 1	202	188	1	268
287 195 235 205 280 220 140 227 180 220 222 240 241 140 163 140 154 187 179 176 146 164 187 171 202 215 n 205 165 171 209 119 179 97 186 206 122 210 217 97 171 196 167 189 97 306 171 196 164 188 185 173 180 160 181 212 217 189 97 306 161 188 185 177 189 173 180 180 181 166 160 282 282 242 182 184 184 184 184 184 184 184 184 184 184 184 184 184		197	291	115	224	188	234	216 3	123	260	ı	207
227 180 250 234 m 192 222 224 240 238 210 21 19 152 140 164 187 179 22 176 20 172 210 119 179 222 178 55 184 206 170 209 110 175 9 186 206 192 210 205 306 171 196 161 189 207 189 206 167 155 186 165 187 171 134 168 160 202 222 242 189 171 168 160 202 222 242 193 166 10 168 169 207 202 203 19 204 204		220	280	195	235	202	280	250 k	140	280	ı	22
222 224 240 238 210 215 206 163 140 164 187 178 170 146 136 126 171 209 119 178 95 136 226 171 209 119 178 97 117 186 160 207 205 9 306 171 196 101 189 207 205 9 171 196 164 188 187 189 200 133 160 181 212 173 166 1 134 166 160 202 202 202 202 203 166 1 168 148 197 219 186 203 1 1 1		193	227	180	250	222	240	241 m	192	250	ı	233
153 140 164 187 178 177 146 172 120 119 179 222 178 255 178 177 246 156 171 209 119 179 222 178 255 256		213	222	224	240	238	210	215 n	206	1	1	211
172 210 119 179 222 178 55 171 183 126 223 210		168	163	140	164	187	178	177 0	146	ı	ı	179
136 156 171 209 119 175 p 97 183 216 223 210 210 205 q 306 186 206 192 190 207 189 207 171 196 161 188 187 175 ¢ 171 167 155 186 163 187 175 ¢ 134 168 160 202 222 242 193 156 u 201 w 168 148 197 219 188 203 w 166 u 204 169 160 202 222 242 160 203 203 w 166 u 204 160 214 215 215 215 u 204 u 204 160 215 215 u 205 u 205 w 166 u 205 u 205 w 160 215 215 u 205 u 205 w 160 215 215 u 205 u 205 w 160 215 u 205		148	172	210	119	179	232	178	22	ı	1	172
183 216 223 210 210 205 q 306 186 206 192 190 207 189 260 191 187 187 189 260 187 189 260 187 189 260 187 189 260 187 189 189 260 189 189 189 189 189 189 189 189 189 189		172	136	951	171	508	119	175 p	46	1	1	179
186 206 192 190 207 189 260		198	183	216	223	210	210	205 q	306	1	89	209
171 196 161 188 185 185 171 171 171 172 172 173 173 173 173 173 174 174 175		141	186	506	192	190	207	189	260		1	189
167 155 186 163 187 175 134 134 134 135 160 181 212 173 166 u 214 134 166 u 202 222 242 192 v 261 168 148 197 219 186 203 w 166 168 148 197 219 186 203 w 166 168		175	171	196	191	188	185	185 8	171	200	201	182
133 160 181 212 173 166 u 214 166 160 202 222 242 192 v 261 168 148 197 219 185 203 w 166		144	167	155	186	163	187	175 t	134	1	134	172
166 160 202 222 242 192 v 261 168 148 197 219 185 203 w 166		102	133	160	181	212	173	166 u	214	82	06	180
168 148 197 219 185 203 w 166		227	166	160	202	222	242	192 v	261	121	116	196
207 207 207		235	168	148	197	219	185	203 w	166	184	41	204

THIRTY-FOUR YEAR STUDY OF ANTHRACITE, BY COUNTIES #

11	38	193 38	193 38	193 38	193 38	193 38
12	8 8	164 29	8 8	164 29	164 29	164 29
	32	151 32	151 32	151 32	151 32	151 32
	13	116 13	116 13	116 13	116 13	116 13
•	14	110 14	110 14	110 14	110 14	110 14
•	24	114 24	114 24	114 24	114 24	114 24
9	16	123 16	123 16	123 16	123 16	123 16
e	14	137 14	137 14	137 14	137 14	137 14
e	15	102 15	102 15	102 15	102 15	102 15
4	13	102 13	102 13	102 13	102 13	102 13
N.	13	108 13	108 13	108 13	108 13	108 13
Ř	10	93 10	93 10	93 10	93 10	93 10
e	7	98 7	98 7	98 7	98 7	98 7
ř	16	128 16	128 16	128 16	128 16	128 16
KD	13	103 13	103 13	103 13	103 13	103 13
č	15	70 15	70 15	70 15	70 15	70 15
,	13	53 13	53 13	53 13	53 13	53 13
000	13	104	104	104	104	104
3.6	្ត រព	65	65	65	65	65
18	0	60 2	60 2	60 2	60 2	60 2
==	0	52 9	52 9	52 9	52 9	52 9
22	80	44 8	44 8	44 8	44 8	44 8
N	10	37 10	37 10	37 10	37 10	37 10
-	e	e	e	e	e	e
	2	2	2	2	2	2
12	ø	ø	ø	ø	ø	ø
14	9	9	9	9	9	9
10	9	9	9	9	9	9
6	4	15 4 9	2 15 4 9	- 2 15 4 9	1 - 2 15 4 9	- 1 - 2 15 4 9
6	6	24 4 9	6 24 4 9	- 6 24 4 9	2 - 6 24 4 9	1 2 - 6 24 4 9
	e	14 3	11 14 3	- 11 14 3	1 14 3	1 1 1 3
	е.	10	1 10	1 10	1 10	1 10 3
	7	1 11	, 111		1 11 .	1 11

	Christian	COLUMBIA	MILLIAN	TACKAMATINA	The second		SCHOILVILL SULLIVAN				
1924	241,347	94,975	159,007	163,139	179,851	189,672	174.893	'	655,000	'	175.963
1930	159,467		173,473	141,786	167,415	232,734	127,425	•	91,296	40,994	154,902
1931	314,347	216,356	189,069	110,074	157,395	179,024	192,922	75,542	•	52,502	153,946
1932	607,304	497,966	84,135	198,801	166,621	369,938	249,515	. '	•	124,196	203,710
1933	536,803	•	652,057	187,972	180,559	364,479	238,419	63,051	•	. 1	213,395
1934	293,953	229,380	315,918	210,861	188,056	240,296	274,722	189,070	89,618	1	218,458
1935	425,755	274,934	78,495	208,745	171,213	341,830	176,426	59,711	•	1	192,356
1936	468,449	•	200,379	223,094	155,584	372,014	362,748	. •	•	•	225,162
1937	415,280	208,507	53,823	260,500	220,462	306,947	301,620	64,879	1	102,858	243,869
1938	324,629	289,478	85,174	172,241	199,664	314,676	222,141	•	1	•	207,487
1939	359,165	192,869	158,987	199,969	216,460	370,403	366,138	•	124,791	1	244,761
1940	362,558	513,183	168,519	264,556	243,785	449,946	340,672	•	. 1	1	283,112
1941	300,218	533,736	172,773	242,536	248,127	704,868	337,776	•	•	ı	285,408
1942	699,200	166,354	. 1	266,983	201,307	330,995	375,568	ı	1	1	257,509
1943	450,120	172,203	•	254,157	233,812	420,242	322,150	1	1	1	777,577
1944	303,740	286,985	299,349	254,796	354,429	382,896	588,581	ı	1	ı	374,927
1945	557,543	186,871	•	299,371	397,609	384,697	522,853	187,007	•	1	405,081
1946	527,701	242,959	•	335,494	288,236	528,566	495,037	105,862	1	ı	366,738
1947	733,452	301,577	•	341,527	211,452	521,504	1,083,979	1	•	1	350,771
1948	560,379	559,832	•	453,204	332,182	1,387,468	508,104	•	•	•	451,212
1949	708,894	1,380,732	•	777,718	266,497	2,600,245	752,121	1	1	1	485,980
1950	497,079	640,904	1	815,808	329,091	579,034	1,278,772	•	•	ı	538,829
1951	473,509	328,392	•	444,293	338,237	718,746	591,867	1	1	1	450,947
1952	237,412	152,139	1	530,355	372,296	532,615	289,890	١	•	1	435,512
1953	520,612	745,649	•	507,949	340,064	1,415,854	676,192	1	•	1	516,871
1954	1,272,419	284,366	1	414,781	395,377	1,641,657	979,584	•	1	ı	566,219
1955 #	349,938	1		518,986	310,040	458,231	671,472	•	1	1	432,247
1956	436,572		1	461,795	424,468	587,476	628,672	1	1	1	521,771
1957	369,014	212,620	195,499	382,916	419,463	569,269	851,832	•	•	1	493,401
1958		888,009	•	1,047,085	451,602	650,208	811,982	1	1	1	659,886
1959	518,252	346,112	1	357,971	257,197	637,901	1,061,726	1	1	ı	427,622
1960	519,583	474,234	•	168,455	384,335	804,866	1,386,229	1	•	1	506,318
1961	579,106	1	1	1,194,971	530,795	668,093	1,703,547	1	•	1	868,769
1962	•		1		553,688	1,702,891	469,279	1	1	1	634,474

Production per fatel

THIRIY-FOUR YEAR STUDY OF ANTHRACITE, BY COUNTIES #

	YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAMANNA	LUZERNE	NORTHUMBD.	SCHUYLKILL	SULLIVAN	SUSQUE.	WA YNE	DIVISION
	1924	8.30	22.05	12.36	12.65	11.29	9.48	10.77	,	2.85	,	11.26
	1930	14.89	•	13,45	14.05	12.62	9.63	18.97	•	18,96	69,03	14.02
	1931	8.21	17,38	11.46	18.45	14.58	15.23	14.11	26.04	1	44.35	15.39
	1932	5.58	6.25	28.96	11.77	15.02	7.13	11.94	1	1	32.02	12.67
	1933	6.58		4.10	13.22	14.59	8.32	11.94	36.95	1	1	12.68
	1934	9.25	19.34	8.05	10.96	12.68	12,25	11.47	11.25	37.17	1	11.90
	1935	5.50	16.84	35.77	11.62	15.57	9.28	17.08	35.21	1	ı	14.19
	1936	5.12		14.13	11.26	17.02	8.71	9.45	1	1	ı	12.58
	1937	6.89	15.84	50.92	9.82	11.75	10.75	11.16	19.04	1	102.94	11.52
	1938	7.66	10.74	28.42	15.49	13.25	78.6	14.48		1	ı	13.45
-14	1939	8.52	15.68	16.19	14.26	13.11	8.76	9.35	1	22.91	ı	12.19
ities	1940	7.60	6.21	16.96	10.64	11.68	7.53	10.76	•	•	•	10.72
	1941	9.45	7.29	15.41	12.08	11.41	4.73	10.73	•	1	ı	10.69
	1942	3.92	17.18		10.11	12.59	10.42	90.6	•	1	•	10.94
ç	1943	6.05	14.24	•	10.08	10.40	7.74	11.59		1	ı	10.19
	1944	8.30	8.00	21.51	66.6	6.83	8.92	6.24	•	1	ı	7.50
90	1945	4.94	11.49	•	8.78	5.88	8.57	69.9	18.56	1	•	6.82
	1946	4.99	11.84	•	8.16	8.23	7.63	7.34	25.41	1	•	7.88
	1947	3.03	7.98	•	7.39	10.83	7.26	2.66		1	•	7.41
	1948	3.97	9.38		5.57	6.74	2.90	6.63	•	•	1	90.9
	1949	3.45	1.96	1	3.06	9.12	1.42	4.15	•	1	•	5.62
	1950	4.86	3.80	•	3.15	7.83	4.59	2.18	•	1	,	4.89
	1951	5.42	8.12	•	5.37	7.20	4.72	2.01	1	1	1	5.98
	1952	11.43	16.60	•	4.90	6.18	8.70	5.80	1	1	,	6.57
	1953	5.97	4.73		5.01	69.9	3.41	2.60	•	1	1	5.80
	1954	2.72	1.22	•	8.34	8.75	2.11	3.53	•	1	1	6.11
	1955#	13.24		•	5.93	10.61	11.54	6.78	1	1	1	8.94
	1956	99.6	•		7.12	7.71	00.6	6.97	•	1	•	7.39
	1957	11.23	18.77	25.39	8.48	8.46	8.95	5.54	•	1	1	8.25
	1958		5.50		3.60	8.28	7.17	5.72	•	1	,	6.37
	1959	11.33	14.03		96.6	17.51	7.47	6.51	•	1	1	11.06
	1960	12.86	12.92		20.68	10.99	6.17	4.34	•			9.62
	1961	12.65		•	2.28	8.77	7.35	3.47		1	•	5.72
						02	2 86	10 46				07 0

EXPLANATION OF SYMBOLS USED IN THIS REPORT

t,																					
Coun	=	Ξ	2	Ξ	z	=		E	=	ı	=	=	z	z	=	E	=	Ξ	=	=	I
Lebanon County	2	z	z	2	=	=	E	2	=	2	E	=		=		=	E		=	=	=
for	Ξ	2	2	Ξ	E	2	Ε	=	z	Ε	Ξ	2	2	E	Ε	2	=	Ε	Ε	=	=
nan-days	=	=	E	E	ε	=	=		E	=	=	:	2	E	2	2	=	2		=	=
men	=	=	E	Ε	E	=		=	=	E	=	=	=	=	E	=	=	E	E	2	=
1,612	066	1,773	4,856	4,593	5,654	2,940	9,881	1,338	1,582	1,335	2,020	2,156	460	2,408	2,358	940	288	918	069	360	824
pue	*	=	z	8	=	=	=	=	=	E	=	=	=	=	2	=	=	2	=	=	=
days	z	z	=	Ξ	=	Ξ	=	2	z	z	Ξ	:	2	Ε	2	=	2	2	Ξ	2	=
	198	136	187	118	257	210	241	223	526	267	308	286	9	120	101	188	98	153	330	72	118
employes,		Ξ	=	2	E	£	z	E	=	Ξ	Ξ	=	E	E	Ξ	=	=	=	Ε	Ξ	=
13	'n	13	8	36	8	7	41	9	7	'n	13	Ξ	20	8	22	£	9	9	ო	ß	7
tons	E	E	=	E	=	2	Ε	Ε	Ε	2	Ξ	=	Ε	Ε	2	2	z	=	Ε	=	z
6,184	13,927	17,330	30,716	35,641	21,981	21,550	37,690	21,982	21,763	22,978	26,567	24,767	6,560	3,752	6,359	3,550	9,106	4,450	2,770	13,654	13,101
Includes		E	E	z		E	E		E	z	E	E	z	E	2	z	=	=	z	2	3
-	- q	0	-		-	- 6	+ q		-	1	-	-		0		I fe	1 00	1	-	1 >	1

NOTE: The year 1924 was selected as a normal year, in order that comparison might be made with the depression years that are a part of this report.

* Not segregated from Lackawanna County.

In 1955, and subsequent years, the production, employes, fatalities, etc., of deep pines employing fewer than five (5) persons inside are included in the County Yorks.

ANTHRACITE PRODUCTION
DEEP MINED, STRIPPING AND BANK
EMPLOYES AND FATALITIES

BY COUNTY 1962

		Production of	Į.	Production of				Employe	Employes By County	nty		
	F	Mines Employing Five Or More Persons	ng rsons	Mines Employing Fewer Than Five Persons		Percentage of					TOTAL	Total
					TOTAL	Total		Small			EM	Fatal-
Counties	Deep	Strip	Bank	Deep	PRODUCT ION	Production	Deep	Deep	Strip	Bank	PLOYES	ities
o de c	32 436	401 B20	780	000	407 DOR	70.00	0.	ć	690	46	000	
Columbia	100	137 700	120 405	2000	411 106	7000	7 1	7 7 7	200	2 4	600	•
Columnia	#0#60/	7616167	004667	100,000	411,180	2.178	1	143	139	3	200	•
Dauphin	22,602	9,856	41,163	36,763	110,384	.67%	73	124	'n	5	223	1
Lackawanna	364,160	647,151	60,226	7,922	1,079,459	6.54%	936	8	478	80	1,523	
Lebanon			5,901		13,101	0.08%	ı	1	က	4	7	1
Luzerne	2,559,262	.,	1,365,654	14,336	6,090,572	36.92%	2,954	23	1,335	246	4.558	11
Northumberland	535,779		69,092	639,813	1,702,891	10.32%	842	975	268	30	2,115	-
Schuylkill	1,885,398	3,118,609	1,077,679	488,225	6,569,911	39.83%	2,192	1,122	1,910	307	5,531	14
Sullivan	655	10,131		. •	10,786	0.06%	S	•	00	,	13	1
Susquehanna			9,512		9,512	0.06%	ı	1	•	8	8	,
Wayne	-	589	-		589	0.01%		,	9	1	9	
Division Total	5,479,696	6,942,675	2,829,421	1,244,523	16,496,315	100.00%	7,094*	2,434	7,094* 2,434 4,415 * 761* 14,704	761*	14,704	56#
Percentage of Total Production	33.22%	42.09%	17.15%	7.54%	100.00%							

Includes three (3) fatalities chargeable to Deep Mines employing fewer than five (5) persons. * Includes Breaker and Washery Employes.

ANTHRACITE PRODUCTION (DEEP MINED, STRIPPING AND BANK) FATALITIES, PRODUCTION PER FATAL AND EMPLOYES
PROTESTRICT
PROSTRICT
PROFES
PROFE

Dist-					Total	Fatal- ities	Fatal- ities	Fatal- ities	Total Fatal-	Production	TOTAL
rict	Inspector	Deep Mined	Stripping	Bank	Production	Deep	Strip	Bank	ities	Per Fatal	EMPLOYES
7	W. A. Sanders	8,352	481,489	13,350	503,191	-		1	1		405
2	T. L. Wackley	203,888	22,963	6,434	233,285	•	1	1	1		518
3	W. G. Ward	151,920	125,424	49,954	327,298	1		1	1		268
11	T. M. Beaney	225,218	1,122,405	446,467	1,794,090	1	2	1	2	897 .045	1.259
13	W. R. Devans	1,146,339	168,602	119,510	1,434,451	4	,	1	4	358,613	1,198
14	K. C. Lee	1,167,545	122,268	1	1,289,813	9	•	1	6	389,181	1.205
15	Ralph Ditzler	69,043	1,221,707	830,527	2,121,277	2	1	1	2	1,060,638	1,214
16	F. C. O'Connor	691,548	1		691,548	e	1	1	9	230,516	484
17	G. F. Kettle	131,623	171,993		303,616	•	1	1	1		180
18	P. P. Hino	81,795	887,236	77,670	1,046,701	-	1	1	1	1.046.701	604
19	J. J. Shober, Jr.	68,065	422,247	518,569	1,008,881	1	1	1	1		286
20	G. P. Gallagher	64,582	144,807	2,812	212,201	1	•	1	ı		182
21	A. J. Latz	99,248	213,524	117,466	430,238	7	•	1	2	215,119	453
22	J. R. Ruane	34,569	242,385	139,405	416,359		1		,		331
23	J. P. Brophy	86,648	114,145	10,534	211,327	1	1	1	1		185
24	H. E. Shomper	187,967	10,115	49,879	247,961	1	1	1	1		479
25	Walter Davis	422,977	233,523	89,210	745,710	7	1	ı	1	745,710	594
56	J. B. Reinoehl	90,270	304,353	154,128	548,751	7	7	1	2	274,375	783
23	R. O. Schneider	329,536	811,385	145,000	1,285,921	3	1	ı	e	428,640	831
28	A. A. Joyce	78,153	901	1	79,054	•		1	1		65
53	H. R. Reese	32,833	98,425	5,867	137,125	1	,	1	,		103
30	W. D. Maurer	107,577	22,778	52,639	182,994	-		-	-	-	226
Sub Tota	al	5,479,696	6,942,675	6,942,675 2,829,421	15,251,792	19	e	7	23	663,121	12.270
LIFM		1,244,523	1	-	1,244,523	8	-	-	9	414,841	2,434
Division Total	n Total	6,724,219	6,942,675	6,942,675 2,829,421	16,496,315	22	e	-	56	634,474	14,704

LTFM - Denotes Mines Employing Less Than Five (5) Men

SUMMARY OF ANTHRACITE MINES, PRODUCTION AND FATALITIES BY DISTRICT 1962

		Small		No.	Total		Non-	Deep	Strip	Bank	No. of	Deep	Strip	Benk			
No. of	Deap	Deap	Strip	30	No. of	Gassous	Gassous	4	4	4	-18	Mined	Mined	Mined	Total	-	Production
1	1	MIDS8"		Banks	4	Albes	Mines	Dioves	pakoro	DYOVER	Dioyes	Production*	Production	Production.	Production	Fatala	Per Fatal
21	14	ın	13	4	36		19	ž	232	17	303	13,284	481,489	13,350	508,123		
24	ส	ın	ເດ	-	32	0	17	369	24	9	366	206,878	22,963	6,434	236,275	1	
٥	12	•	00	'n	88	13	8	314	102	33	449	151,920	125,424	49,954	327,298	•	•
8	8	•	8	13	S	18	8	376	601	51	1,028	225,218	1,122,405	446,467	1.794.090	8	897,045
so.	9	•	4	8	16	01	•	1.019	S	16	1,088	1,146,339	168,602	119,510	1.434.451	4	358,612
C)	00	,	e	•	11	9	8	1,126	25	٠	1,180	1,167,545	122,268	•	1,289,813	e	429,937
9	7	8	16	11	9	,	33	187	620	116	923	99,379	1,221,707	830,527	2,151,613	8	1.075.806
88	36	15	,		35	18	36	462	•		462	735,173	•	. '	735,173	e	245,057
21	7	42	4		9	:	45	264	20	•	314	230,502	171,993	•	402,495		٠
25	٥	88	13	٥	ŝ	7	30	163	370	33	266	100,355	887,236	77,670	1,065,261	-	1.065.261
112	7	88	9	6	201	7	94	333	114	36	483	146,736	422,247	518,569	1.087.552	8	543.776
06	9	73	9	-	90	'n	78	262	96	-	361	150,818	144,807	2,812	298.437	•	
82	12	48	01	4	74	6	21	263	195	13	473	155,261	213,524	117,466	486,251	2	243,125
4	4	34	so.	6	46	10	38	169	162	8	326	79,381	242,385	139,405	461,171		•
46	7	32	9	8	ŝ	7	32	168	78	17	263	146,441	114,145	10,534	271,120	1	
63	4	21	-		57	4	21	393	7	S	405	259,264	10,115	49,879	319,258	•	•
29	13	37	9	8	9	16	36	417	88	٥	514	526,948	233,523	89,210	849,681	7	849.681
26	12	31	en	4	25	e	41	288	222	8	576	125,793	304,353	154,128	584,274	8	292,137
71	38	36	7	4	68	ន	21	450	312	35	794	387,440	811,385	145,000	1,343,825	9	447,941
22	œ	94	7		S	ន	31	271	ĸn	1	276	268,664	106	. •	269,365	7	269.365
16	9	8	7	e	66	'n	2	282	28	7	347	200,287	98.425	5.867	304.579		
106	4	20	4	٩	98	-	8	325	10	31	366	200,593	22,778	52,639	276,010	•	•
#E61*1	292	136	150	81	1,279	198	820	7,955	3,455	516 1	1,926	6,724,219	6,942,675		16,496,315	8	634.474
	22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		28 28 28 24 4 4 2 2 2 4 9 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	20	200 200 200 200 - 20	200 - 200 -	100	200 - 200 13 200 18 20 1	100 - 20 10 10 10 10 10 10 10 10 10 10 10 10 10	100	10	25 75 1100° El 1,200° El 1	10	15 20 15 28 18 27 24 24 24 24 24 24 24	15	10 10 10 10 10 10 10 10	10 2.5

These sines are included in the Total Numeror O Pape (Numeror Despetted includes small deep mixed seconds.)
 These is seas comparise operation) in mace than one district, the study total number of Anthestic cost operators is also to the seas comparise operation; in mace than one district, the study itself number of Anthestic cost operators is all 1,120.
 These is an expension of a makery season, and make the fact of 1 of 120 of 0 cost of 0 cost of 0.

Production, How Shipped, Average Days Worked, Employes, Explosives Fatal and Nonfatal Accidents

By Inspection District - 1962 For Mines Employing More Than Five Persons

. .

Sold to a local lo	Used at colliery colliery and heat and heat 229 397 114,523 3,340	Total s	permiss-					
to 10.31 143,223 143,223 143,223 17,525 17,5	colliery for steam and heat 5,533 229 397 114,523 3,340	Total : production :	ible eve					Non
14, 224 14, 224 14, 223 87, 051 121, 522 529, 911 529, 748 2210, 285 165, 612 118, 691 1103, 902 116, 733	for steam and heat 5,533 229 397 114,523 3,340	Total :	2000	Pounds			Fatal	fatal
143,223 143,223 87,051 121,522 525,911 297,785 210,285 210,285 118,691 118,691 118,691 116,733	and heat 5,533 229 397 114,523 3,340	production s	plosives	dynamite	Days	Emp1-	acci-	acci-
143, 223 87, 051 121, 522 525, 911 297, 785 210, 285 163, 612 118, 691 103, 902	5,533 229 397 114,523 3,340	503.191	nsed	nsed	worked	oves	dents	dents
87,051 121,522 525,911 227,785 210,285 163,612 118,691 108,753	229 397 114,523 3,340	* ` * 6000	783,443	98,905	215	405		8
121,522 525,911 227,785 210,285 163,612 118,691 116,753	397 114,523 3,340	233,285	148,615	12,090	181	518	8	44
525,911 297,785 210,285 163,612 118,691 103,902	114,523	327,298	143,426	77,225	199	268	ı	2
297,785 210,285 163,612 118,691 103,902 116,753	3,340	1,794,090	4,172,171	58,142	219	1,259	2	92
210,285 163,612 118,691 103,902 116,753		1,434,451	879,325	138,430	236	1,198	4	254
163,612 118,691 103,902 116,753	759	1,289,813	1,717,615	28,700	225	1,295	ო	193
118,691 103,902 116,753	6,904	2,121,277	1,714,075	4,674,191	193	1,214	8	43
103,902	3,904	691,548	402,335		566	484	m	36
116,753	353	303,616	74,350	992,290	252	180	,	2
	1,158	1,046,701	3,987,365	977,893	242	604	7	45
144,974	811	1,008,881	35,450	3,846,071	196	286	1	16
39,318	366	212,201	382,753	85,093	195	182	1	'n
53,629	1,025	430,238	64,550	481,870	186	453	8	16
24,247	1,462	416,359	11,320	2,165,215	509	331	ı	80
31,905		211,327	50,435	83,534	148	185	,	7
35,209	1,360	247,961	208,285	18,300	213	479	ı	28
123,599	4,052	745,710	1,304,138	24,680	247	594	-	27
117,861	264	548,751	85,400	3,311,584	186	783	8	8
155,484	1,490	1,285,921	2,102,559	9,072,637	237	831	e	7.1
13,574	27	79,054	36,295	3,300	226	92	ı	6
37,774	96	137,125	20,200	2,650	195	103	1	ທ
47,211	7,625	182,994	67,825	4,250	184	226		7
2,713,520	156,670	15,251,792	18,391,930	26.157.050	216	12,270	23	1.027
	24,247 31,905 35,209 1123,599 117,861 155,484 13,574 37,774 47,211	24,247 1,462 31,905		1,462 116,239 1,360 21,327 1,360 27,961 1,360 745,710 1,490 1,285,921 1,490 1,285,921 7,620 13,594 113,6670 15,251,792	1,462 146,399 1,462 211,327 1,360 271,1037 1,360 745,710 1,490 1,226,521 1,490 1,226,521 7,629 137,102 7,629 182,994	1,462 416,337 11,320 20,435 11,320 21	1,462 416,349 11,320 2,165,215 1,360 2,165,215 1,360 247,561 205,435 81,344 1,360 247,561 205,435 81,344 1,360 4,052 745,710 1,304,138 24,660 257 745,710 1,304,138 24,660 1,365,921 7,105,425 9,772,537 1,400 1,265,921 2,102,549 9,772,537 1,400 1,365,924 67,825 4,220 1,56,670 15,251,792 18,391,393 26,157,050	1,462 116,379 11,330 2,165,215 209 1,360 247,961 200,425 18,300 213 1,360 247,961 200,425 18,300 213 1,360 247,961 1,004,138 24,669 247 1,970 1,285,91 1,004,138 24,669 247 1,490 1,285,91 2,005,259 9,077,637 227 2,500 1,285,924 2,100,259 9,077,637 227 2,500 1,285,924 6,132,924 186 1,550 186,291,992 18,391,993 26,157,050 216 1

SUMMARY OF REPORT COVERING MINES EMPLOYING FEWER THAN FIVE PERSONS

Dist-	Number of Operators	Number of Mines	Total	Days	Fmoloves	Accidente	Production Der Estal	Nonfatal
				3	000000000000000000000000000000000000000	07100700	10101 121	entiantony
7	10	10	4,932	181	15	•		,
2	80	J.	2,990	89	14	1	•	,
3		1	1	1	•	1	•	,
==	•	1	1	•		,	•	
13		-	1		•	,	•	
4	1	1	1	•		-		
2	19	56	30,336	82	92	•	•	
9	16	15	43,625	140	47	1	•	
17	39	42	98,879	149	141	•	•	-
18	34	28	18,560	66	82	,	1	٠ ~
6	96	88	78,671	117	274	2	39,335	• 0
2	77	73	86,236	131	219	1		10
7.	38	48	56,013	134	152	1	•	4
21	34	34	44,812	127	110	1	1	,
ß	35	35	59,793	182	108	1	1	-
4	47	51	71,297	159	145	1	•	,
J.	37	37	103,971	175	119	1	1	4
92	30	31	35,523	175	103	,	1	
77	36	36	57,904	140	122	1	1	
80	49	46	190,511	173	196	1	190,511	0
20	87	98	167,454	165	258	,		-
00	89	70	93,016	126	234			4 m
vision	Division Total 802	756	1,244,523	143	2.434	en	414.841	3

SUMMARY OF EMPLOYES BY DISTRICT ANTHRACITE DIVISION -- 1962

			INSIDE EMPLOYES	OYES		1		OUTSIDE	OUTSIDE EMPLOYES			
Dist-	s Mine	Minere	Miners	All Other	Total :		Super-	Office	Breaker	All Other	Total :	GRAND TOTAL
-	7	12	19	1	39	-	26	8	117	215	366	405
2	27	94	135	55	311		19	က	133	52	207	518
3	50	99	137	25	248		17	35	119	149	320	268
11	30	81	126	28	295		35	15	231	684	964	1,259
13	82	166	359	244	198		15	12	110	263	400	1,198
14	22	243	422	243	930		7	2	115	238	365	1,295
15	80	51	50		42		38	50	383	694	1,135	1,214
16	43	220	61	16	340		e	1	69	72	144	484
17	12	22	58	9	66		10	1	7	64	81	180
18	10	33	12	4	29		52	==	123	386	545	604
19	7	8	11	4	21		18	2	77	135	235	286
20	80	18	7		33		13	4	40	92	149	182
21	13	09	18		91		18	2	132	207	362	453
22	9	43	2	S	36		14	4	82	172	275	331
ន	00	30	11	7	20		80	4	30	93	135	185
24	13	149	36	47	245		4	7	219	10	234	479
53	50	142	42	17	258		14	က	199	120	336	594
8	19	118	17	50	174		4	5	310	293	609	783
27	32	158	61	6	263		23	က	159	383	268	831
58	80	28	50	7	22		S	1	12	17	35	92
8	4	11	2	2	19		7	2	14	61	84	103
30	16	36	19	3	74		6		91	52	152	226
Total	365	1,843	1.600	761	4.569		332	142	2,775	4.452	7.701	12.270 *
		-							2		1016	017677

NOTE: * Employes of Deep Mines Employing Fewer Than Five (5) Persons are not included in this report.

1962 SUMMARY OF STATISTICS, BY DISTRICT

Mines employing fewer than five persons	1111111144004141446044	2
Mines employing flve or MAINES employing fewer	252 225 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1,027
BANK TOTAL FATALITIES TOTAL PATALITIES	1110480814010111408411	8
BVNK		-
STRIP	1110111111111111	6
DEEP	1111468614814111446411	8
TOTAL EMPLOYES	532 1,198 1,198 1,198 1,198 1,306 568 568 568 568 568 568 568 568 568 56	14,704
BEVKEB	1117 1119 1119 1119 1110 1110 1110 1110	
BVNK	17 17 17 17 17 17 17 17 17 17 17 17 17 1	516 2,778
FAPLOYES	232 232 232 24 253 253 253 253 253 253 253 253 253 253	3,455
DEEP	245 263 314 316 316 316 317 318 318 318 318 319 319 319 319 319 319 319 319 319 319	
Washeries and Preparation Plants	2 1 1 1 1 1 2 2 3 3 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
Total Number of Breakers,		
Total Number of Operations	88888110880881 888888888888888888888888	1,279
Number of Banks	4 0 0 . 1 . 1 . 0 . 0 . 4 . 0 . 0 . 0 . 0 . 0 . 0 . 0	80
Number of Strips	13 88 16 16 18 18 18 18 18 18 18 18 18 18 18 18 18	150
Number of Slopes		703
Number of Drifts	80111110100101111101	36
stlad2 to redmuN	111111111111111111111111111111111111111	17
Number of Nongaseous	20111184468864888888888888888888888888888	169
Number of Gaseous Mines	1111111400144000017744	25
Number of Mines (less than five persons)	88 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9	756
Number of Slopes	- 1	233
Number of Drifts	64 4 4 4 1 1 1 1 1 2 6 1 2 2 1 1 1 1 1 2 1 1 2 2 1 1 2 3 1 1 1 1	48#
silsh2 to redmuN		12
sucessenow to medanum	40001010000001000400000	153
Number of Gaseous Mines	1088000170444484848	139
Number of Mines (five or more persons)	41212222 000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	292
	24 - 80 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 -	1,193*
stoisted Number Operators		1,
Number of Operators employing less than five persons	01 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	803
Number of Operators employing five or more persons	29 9 8 3 8 8 8 11 1 1 2 8 2 8 9 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	390
	1081121212121222222222222	Total

NOTE

| Diff operation also has an inside slope * Due to the fact that execution is operated in more than one district, the actual focal member of Antheacter Goal Operators is 1,100.

Our to the fact that some companies operated in more than one district, the actual focal member of Strip Mine Operators is 80.

OPERATORS PRODUCING 50,000 OR MORE TONS

DIST- RICT			
11-13-14	DIST-	OPERATOR	PRODUCT ION
17-19-21- 23-26-27 Reading Anthracite Co.	HAUL		
23-26-27 Reading Anthracite Co. 1,153,143 11-15-22 Lehigh Valley Anthracite, Inc. 1,018,576 15-20-22 Jeddo-Highland Coal Co. 786,640 18 Greenwood Stripping Corp. 771,724 11-14 Susquehanna Coal Corp. 452,290 15 Honeybrook Mines, Inc. 421,236 11-15 Sullivan Trail Coal Co. 389,649 1 Carbondale Coal Co. 363,849 2-3 Moffat Coal Co., Inc. 362,360 19 RiKi Corp. 362,286 27 Mammoth Coal Co. 245,766 1-2-11 Hudson Realty Co., Inc. 245,766 24 Gap Anthracite Co. 168,947 25 Penag Coal Co. 166,323 15 Cunningham Coal Co. 126,704 27 Capparell Stripping & Construction Co. 126,704 28 Dale Contracting Co. 120,714 27 Capparell Stripping & Construction Co. 104,479 10 Bush Coal Co. 91,184 21 <t< td=""><td>11-13-14</td><td>Glen Alden Corp.</td><td>2,504,916</td></t<>	11-13-14	Glen Alden Corp.	2,504,916
11-15-22	17-19-21-		
15-20-22 Jedó-Highland Coal Co. 786,640	23-26-27	Reading Anthracite Co.	1,153,143
18	11-15-22	Lehigh Valley Anthracite, Inc.	1,018,576
11-14 Susquehanna Coal Corp. 452,290 15 Noneybrook Mines, Inc. 421,236 15 Racho, George 410,912 11-15 Sullivan Trail Coal Co. 389,649 1 Carbondale Coal Co. 363,849 2-3 Moffat Coal Co. 1nc. 362,860 19 Riki Corp. 362,286 19 Riki Corp. 362,286 1-2-11 Hudson Realty Co., Inc. 245,766 24 Gap Anthracite Co. 166,923 15 Cunningham Coal Co. 166,323 15 Cunningham Coal Co. 126,704 19 Dale Contracting Co. 120,704 10 Dale Contracting Co. 124,706 10 Bush Coal Co. 91,184 11 Capparell Stripping & Construction Co. 104,479 10 Bush Coal Co. 91,184 11 Capparell Stripping & Construction Co. 87,970 13 United Gas Improvement Co. 87,970 14 Capparell Ridge Coal Co. 74,042 15 Jewell Ridge Coal Co. 87,760 16 Bush Coal Co. 87,760 17 Capparell Ridge Coal Co. 87,970 18 Lincoln Anthracite Co. 88,766 10 Capone Coal Co. 74,042 11 Capone Coal Co. 66,830 12 Manbeck Dredging Co. 66,830 13 Marbock Dredging Co. 66,329 14 Harbon Coal & Contracting Co. 66,329 15 Harbon Coal & Contracting Co. 55,073 26 Peca Coal Co. 55,677 26 Peca Coal Co. 55,677 26 Peca Coal Co. 55,677 26 Peca Coal Co. 55,677	15-20-22	Jeddo-Highland Coal Co.	786,640
15 Honeybrook Mines, Inc. 421,236 15 Racho, George 410,912 11-15 Sullivan Trail Coal Co. 389,649 1 Carbondale Coal Co. 374,579 27 Gilberton Coal Co. 363,849 2-3 Moffat Coal Co., Inc. 362,360 19 Riki Corp. 362,266 27 Mammoth Coal Co., Inc. 299,869 1-2-11 Hudson Realty Co., Inc. 245,766 24 Gap Anthractic Co. 166,323 25 Indian Head Coal Co. 166,323 15 Cunningham Coal Co. 166,323 16 Dale Contracting Co. 126,704 19 Dale Contracting Co. 126,704 27 Capparell Stripping & Construction Co. 120,717 16 Bush Coal Co. 91,184 21 Schuylkill Contracting Co. 91,184 22 Schuylkill Contracting Co. 85,990 25 Jewell Ridge Coal Co. 85,990 26 Jewell Ridge Coal Co. 74,042 27 Capparel Stripping & Construction Co. 85,990 28 Jewell Ridge Coal Co. 85,990 29 United Gas Improvement Co. 66,830 21 Manbeck Dredging Co. 66,829 22 Harbon Coal & Contracting Co. 66,829 23 Chervanik Associates 66,830 21 Manbeck Dredging Co. 65,923 25 Herb & Reed 99,060 26 Herb & Reed 99,060 27 Hor Coal Co. 55,677 26 Peca Coal Co. 55,677	18	Greenwood Stripping Corp.	771,724
15		Susquehanna Coal Corp.	452,290
11-15 Sullivan Trail Coal Co. 389,649 1	15	Honeybrook Mines, Inc.	421,236
Carbondale Coal Co. 374 \ 579	15	Racho, George	410,912
27		Sullivan Trail Coal Co.	389,649
2-3 Moffat Coal Co., Inc. 362,360 19 Riki Corp. 362,286 27 Mammoth Coal Co. 299,869 1-2-11 Hudson Realty Co., Inc. 299,869 1-2-11 Hudson Realty Co., Inc. 245,766 24 Gap Anthracite Co. 168,947 25 Penag Coal Co. 166,323 15 Cunningham Coal Co. 126,704 19 Dale Contracting Co. 120,704 27 Capparell Stripping & Construction Co. 104,479 16 Bush Coal Co. 91,184 21 Schuylkill Contracting Co. 87,970 13 United Gas Improvement Co. 87,970 13 United Gas Improvement Co. 85,766 11 Cappne Coal Co. 74,042 11 Popple Coal Sales, Raymond 73,588 25 Lincoln Anthracite Co. 66,583 26 Lincoln Anthracite Co. 66,583 27 Manbeck Dredging Co. 66,299 18 Harbon Coal & Contracting Co. 66,329 18 Harbon Coal & Contracting Co. 55,023 29 Unique Coal Co. 55,073 20 Peac Coal Co. 55,677 26 Peac Coal Co. 55,677 26 Peac Coal Co. 55,677		Carbondale Coal Co.	374,579
19			363,849
27 Mammoth Coal Co. 299 869 1-2-11 Hudson Realty Co., Inc. 245,766 24 Gap Anthracite Co. 168,947 25 Penag Coal Co. 166,323 15 Cunningham Coal Co. 126,704 19 Dale Contracting Co. 120,714 27 Capparell Stripping & Construction Co. 104,479 16 Bush Coal Co. 91,184 21 Schuylkill Contracting Co. 87,970 13 United Gas Improvement Co. 85,760 11 Cappne Coal Co. 74,042 21 Popple Coal Sales, Raymond 73,588 25 Lincoln Anthracite Co. 66,380 22 Chervanik Associates 66,380 23 Chervanik Associates 66,380 24 Herb & Reed 50,600 29 Unique Coal & Co. 55,672 29 Unique Coal Co. 55,677 26 Peac Coal Co. 50,973		Moffat Coal Co., Inc.	362,360
1-2-11			
24 Gap Anthracite Co. 168,947 25 Penag Coal Co. 166,323 25 Indian Head Coal Co. 128,704 15 Cunningham Coal Co. 126,704 19 Dale Contracting Co. 120,714 27 Capparell Stripping & Construction Co. 19,1184 21 Schuylkill Contracting Co. 87,970 13 United Gas Improvement Co. 85,760 11 Cappne Coal Co. 74,042 11 Popple Coal Sales, Raymond 73,588 25 Lincoln Anthracite Co. 66,380 25 Lincoln Anthracite Co. 66,380 21 Manbeck Dredging Co. 66,329 18 Harbon Coal & Contracting Co. 65,223 25 Herb & Reed 59,060 29 Unique Coal Co. 55,677 29 Popple Coal Co. 55,677 26 Pea Coal Co. 55,677 26 Pea Coal Co. 55,677		Mammoth Coal Co.	299,869
25		Hudson Realty Co., Inc.	245,766
25			
15			166,323
19		Indian Head Coal Co.	148,353
27 Capparell Stripping & Construction Co. 104 479 16 Bush Coal Co. 91,184 21 Schuylkill Contracting Co. 87,970 13 United Gas Improvement Co. 85,796 15 Jewell Ridge Coal Co. 85,766 11 Popple Coal Sales, Raymond 73,888 25 Lincoln Anthracite Co. 66,830 23 Chervanik Associates 66,880 21 Manbeck Dredging Co. 66,329 18 Harbon Coal & Contracting Co. 65,023 29 Unique Coal Co. 59,060 29 Unique Coal Co. 55,677 26 Peca Coal Co. 55,677 26 Peca Coal Co. 50,977		Cunningham Coal Co.	126,704
16 Bush Coal Co. 91,184 21 Schuylkill Contracting Co. 87,970 13 United Gas Improvement Co. 85,766 25 Jewell Ridge Coal Co. 74,042 11 Capone Coal Co. 73,588 25 Lincoln Anthracite Co. 66,583 23 Chervanik Associates 66,380 21 Manbeck Dredging Co. 66,320 18 Harbon Coal & Contracting Co. 65,023 29 Unique Coal Co. 59,938 29 Unique Coal Co. 55,677 26 Peca Coal Co. 55,677 26 Peca Coal Co. 50,977		Dale Contracting Co.	120,714
21 Schuylkill Contracting Co. 87,970			104,479
13 United Gas Improvement Co. 85,990 25 Jewell Ridge Coal Co. 85,766 11 Capone Coal Co. 74,042 11 Popple Coal Sales, Raymond 73,988 25 Lincoln Anthracite Co. 66,583 23 Chervanik Associates 66,380 21 Manbeck Dredging Co. 66,320 18 Harbon Coal & Contracting Co. 65,023 25 Herb & Reed 59,060 29 Unique Coal Co. 59,938 11 C. B. M. Coal Co. 55,677 26 Peca Coal Co. 50,977		Bush Coal Co.	91,184
25	21	Schuylkill Contracting Co.	87,970
11	13	United Gas Improvement Co.	85,990
11 Popple Coal Sales, Raymond 73,588 25 Lincoln Anthracite Co. 66,583 23 Chervanik Associates 66,380 21 Manbeck Dredging Co. 66,329 18 Harbon Coal & Contracting Co. 65,023 25 Herb & Reed 59,060 29 Unique Coal Co. 58,938 11 C. B. M. Coal Co. 55,677 26 Peca Coal Co. 50,977		Jewell Ridge Coal Co.	85,766
25 Lincoln Anthracite Co. 66,583 23 Chervanik Associates 66,380 21 Manbeck Dredging Co. 66,329 18 Harbon Coal & Contracting Co. 65,023 25 Herb & Reed 59,060 29 Unique Coal Co. 58,938 11 C. B. M. Coal Co. 55,677 26 Peca Coal Co. 50,977		Capone Coal Co.	74,042
23 Chervanik Associates 66,380 21 Manbeck Dredging Co. 66,329 18 Harbon Coal & Contracting Co. 65,023 25 Herb & Reed 59,060 29 Unique Coal Co. 58,938 11 C. B. M. Coal Co. 55,677 26 Peca Coal Co. 50,977		Popple Coal Sales, Raymond	73,588
21 Manbeck Dredging Co. 66,329 18 Harbon Coal & Contracting Co. 65,023 25 Herb & Reed 59,060 29 Unique Coal Co. 58,938 11 C. B. M. Coal Co. 55,677 26 Peca Coal Co. 50,977	25	Lincoln Anthracite Co.	66,583
18 Harbon Coal & Contracting Co. 65,023 25 Herb & Reed 59,060 29 Unique Coal Co. 58,938 11 C. B. M. Coal Co. 55,677 26 Peca Coal Co. 50,977		Chervanik Associates	66,380
25 Herb & Reed 59,060 29 Unique Coal Co. 58,938 11 C. B. M. Coal Co. 55,777 26 Peca Coal Co. 50,977		Manbeck Dredging Co.	66,329
29 Unique Coal Co. 58,938 11 C. B. M. Coal Co. 55,677 26 Peca Coal Co. 55,978	18	Harbon Coal & Contracting Co.	65,023
11 C. B. M. Coal Co. 55,677 26 Peca Coal Co. 50,977		Herb & Reed	
26 Peca Coal Co. 50,977			58,938
		C. B. M. Coal Co.	55,677
			50,977
	27	Hegins Mining Co.	50,042

PRODUCTION AND ACCIDENT RECORD FOR OPERATORS HAVING A FATALITY

1962

				Total		Fatalities	ies		Non-	Production	
Operator	Deep	Strip	Bank	Production	Deep	Strip	Bank	Total	fatals	Per Fatal	Employes
Glen Alden Corp.	1,914,501	485,429	104,986	2,504,916	9	1	1	9	400	417,486	2,161
Reading Anthracite Co.	1	1,047,275	105,868	1,153,143	1	7	•	7	41	1,153,143	851
Lehigh Valley Anthracite, Inc.	69,937	778,743	169,896	1,018,576	-	2	•	3	46	339,525	604
Susquehanna Coal Co.	370,129	82,161	1	452,290	-	1	1.	7	23	452,290	444
(Glen Nan Coal Co., Contractor	_										
Lowland Coal Co.	1	1	46,855	46,855	1	1	7	٦	7	46,855	12
Metzinger Coal Co.*	15,062	1	1	15,062	9	1	•	က	1	5,020	6
Williamson Coal Co., A. R.*	11,443		1	11,443	-	•	1	7	9	3,814	18
M. & N. Coal Co.	10,923	1	•	10,923	1	1	1	٦	4	10,923	14
Gatti Engineering Co.	9,404	1		9,404	~	1	1	7	7	9,404	11
Ridge Mining Co.	8,977	1		8,977	7	1		٦	28	8,977	10
Star Coal Co.	5,380	1	1	5,380	7	1	1	7	1	5,380	4
Tessco Coal Co.	4,880	•	1	4,880	7	1		7	1	4,880	00
(Form. A. Zaccarello)											
Herb Coal Co.	2,221	1	1	2,221	2	1	1	8	1	1,110	9
Partnership Coal Co.	490	1	1	490	2	1	1	7	1	245	4
Greenwood Mining Co. (Breaker)	-	-	-	-	-	1	1	7	4	1	79
Total production for oper-											
ators with a fatality	2,423,347	2,393,608	427,605	5,244,560	22	ო	7	%	581	201,714	4,235
Total production for oper-	000								1		;
acuts without a latality	4,300,007	4,049,007	2,401,810	11,251,755		-	-		473	-	10,469
Division Total	6,724,219	6,942,675	2,829,421	16,496,315	22	ო	7	%	1,054	634,474	14,704

NOTE: * Formerly reported as a small mine

CAUSES OF ANTHRACITE FATAL ACCIDENTS, BY COUNTY, 1962

The second name of	Percentage of total accidents		30.76%	3.85%	19.23%	3.85%	3.85%	69.23%		3.85%	3.85%	11.53%	30,77%	100.00%	
	1etoT		80	7	ഹ	N -	1	18	-	2 1		3	ω	56	100.00%
	Маупе		•	•				ı				1	1		
	euueyənbsng		,	ı								-	,		
	nsvillu2		,					,		1.1		-			
	2cynλ]kijj		ю		د م	٦.		11		1.1		4	ю	14	53.84%
	Northumberland		١	•	1 -	٠ ،	•	1		1.1			1	-	3.85%
	Luzerne		υ	-				9		7 7		2	Ω	11	42.31%
	repsuou		1				,	1		1.1		1		-	1
ļ	Гэскэмэииэ		•	ı	ı		,	1		1.1			ı		
	Dauphin		•				•	'		1.1		1	1		'
	Columbia		٠				•	٠,		1.1	1 1	-	1		
	Carbon		,				-					-			
		INSIDE	Falls of Roof, Face or Sides	Transportation	Suffocation	Intush of Water	Rush of Material	Total Inside	OUTSIDE	Electricity Fall of Material	Iransportation Machinery - Bank	Stripping	Total Outside	GRAND TOTAL	Percentage of total accidents

ANTHRACITE FATAL ACCIDENT VICTIMS - 1962

Dist-					Date of	
rict	Name of Victim	Victim's Address	Company	Mine	Accident	Cause of Accident
16	Elmer Schucker	Valley View	Herb Coal Co.	Four Foot Slope	Jan. 8	Suffocation
16	Ronald Morgan	Hegins, R. D.	Herb Coal Co.	Four Foot Slope	Jan. 8	Suffocation
19	Joseph Lorant	Mahanoy Plane	Partnership Coal Co.	Primrose No. 2 Slope	Jan. 27	Roof Fall
19	Patrick Fucci	Pottsville	Partnership Coal Co.	Primrose No. 2 Slope	Jan. 27	Roof Fall
58	August J. Shegon	Shamokin	Star Coal Co.	No. 1 Slope	Feb. 3	Fall of Victim
8	Edward Lutz	Shenandoah	Ridge Mining Co.	Lykens Tunnel	Feb. 20	Roof Fall
11	Joseph Senick	Larksville	Lehigh Valley Anthracite, Inc.	Gaylord Strip	Mar. 22	Stripping
13	Patrick Murphy	Wilkes-Barre	Glen Alden Corp.	Red Ash Shaft	Apr. 9	Cars
77	William L. Hess	Schuylkill Haven	Lowland Coal Co.	Lowland Culm Bank	Apr. 26	Machinery - Bank
8	William Petusky	Shenandoah	Reading Anthracite Co.	Shenandoah Strip	May 15	Stripping
15	George Phillips	Beaver Meadow	Lehigh Valley Anthracite, Inc.	Hazleton Shaft Breaker	May 22	Electricity - Outside
21	John Consugar	Minersville	M. & N. Coal Co.	Middle Split Slope	July 19	Inrush of Water
27	William H. Metzinger	Locust Dale	Metzinger Coal Co.	Metzinger Drift	July 21	Suffocation
27	Frank Shaffer	Lavelle	Metzinger Coal Co.	Metzinger Drift	July 21	Suffocation
27	Charles Clayton Maurer	Mowry	Metzinger Coal Co.	Metzinger Drift	July 21	Suffocation
13	John Krakowski	Dupont	Glen Alden Corp.			
			(Bristol Coal Co., Inc.)	Bristol Slope	July 27	Fall of Material - Outside
13	Joseph A. Hopkins	Pittston	Glen Alden Corp.			
			(Bristol Coal Co., Inc.)	Bristol Slope	July 27	Fall of Material - Outside
=	Henry Petroski	Nanticoke	Lehigh Valley Anthracite, Inc.	Kidder Strip	Aug. 9	Stripping
15	John Kozel	West Hazleton	Gatti Engineering Co., Inc.	Olegna Slope		Roof Fall
14	George Makarovich	Wapwallapan	Glen Alden Corp.	Wanamie No. 18	Aug. 14	Roof Fall
18	Charles Smultsky	Tamaqua	Greenwood Mining Co.	Greenwood Breaker		Transportation - Outside
22	John Rock	Locust Dale	Tessco Coal Co.	No. 1 Vein, Lykens Slope		Rush of Material-Inside
16	William Klinger	Wiconisco	A. R. Williamson Coal Co.	Skidmore Slope		Fall of Person - Inside
14	Anthony Saluta	Nanticoke	Susquehanna Coal Co.		•	
			(Glen Nan Coal Co., Contr.)	No. 5 Slope, Glen Lyon	Oct. 5	Roof Fall
13	Frank M. Mylet	Sugar Loaf	Glen Alden Corp.	Red Ash Shaft, Huber	Oct. 17	Roof Fall
14	Chester Wojnarski	Swoyersville	Glen Alden Corp.	Wanamie No. 18	Nov. 1	Roof Fall

ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED, 1847 - 1962

Year	Date	Colliery	Location of colliery	Numl Cause of accident Kill	
1047	F-1	0	D-44/11-	Burker of an	
L847 L869	Feb.	Spencer	Pottsville	Explosion of gas	7
	Sept. 6	Avondale	Plymouth		110
870	Mar. 22	Potts	Locust Dale	Boiler explosion	5
	Aug. 10	Heins & Glassmire	Middleport	Cage fell down shaft	9
_	Aug. 29	Preston #3	Girardville	Car fell down slope	7
1871	May 27	West Pittston	West Pittston	Suffocated by smoke	
				from burning breaker	20
	Oct. 2	Otto Red Ash	Branch Dale	Explosion of gas	5
873	June 10	Henry Clay	Shamokin	Explosion of gas	10
877	May 9	Wadesville	Wadesville	Explosion of gas	7
878	Jan. 15	Potts	Locust Dale	Explosion of gas	5
879	May 6	Audenried	Audenried	Explosion of gas	6
	Nov. 2	Mill Creek	Mill Creek	Explosion of gas	5
880	May 3	Lykens Valley	Shamokin	Explosion of gas	5
882	May 24	Kohinoor	Shenandoah	Explosion of gas	5
884	Aug. 21	Buck Ridge	Shamokin	Mine fire	7
885	Apr. 6	Cuyler	Raven Run	Fall of roof	10
	Aug. 11	West End	Mocanagua	Suffocated by gas from	_
	y• 11		50110400	boiler fire	10
	Oct. 21	Plymouth #2	Plymouth	Explosion of gas	6
	Dec. 18	Nanticoke #1	Nanticoke	Inrush of quicksand	26
886		Fair Lawn	Scranton		-6
000	Aug. 30	Marvine	Scranton	Explosion of gas	8
	Sept. 13			Suffocated by gas	12
	Nov. 26	Conyngham	Wilkes-Barre	Explosion of gas	
887	Apr. 27	Tunnel	Ashland	Suffocated by gas	5
	Oct. 1	Bast	Big Mine Run	Explosion of gas	. 5
889	May 9	Kaska, William	Middleport	Car fell on cage in shaft	10
890	Feb. 1	Nottingham	Plymouth	Explosion of gas	8
	Mar. 3	S. Wilkes-Barre #3	Wilkes-Barre	Explosion of gas	8
	Apr. 2	Susquehanna #4	Nanticoke	Explosion of gas	5
	May 15	Jersey #8	Ashlev	Explosion of gas	26
891	Feb. 4	Spring Mtn. #1	Jeanesville	Drowned-water from old working	s13
	Oct. 23	Richardson	Glen Carbon	Suffocated by gas	7
	Nov. 8	Susquehanna #1	Nanticoke	Explosion of gas	12
892	Apr. 20	Lytle	Minersville	Drowned-water from old working	
072	July 23	York Farm	Pottsville	Explosion of gas	15
893		Neilson	Shamokin	Mine fire	10
893	Apr. 1				5
	June 22	Susquehanna #1	Nanticoke	Explosion of gas	ě
	Sept. 21	Lance #11	Plymouth	Explosion of gas	
894	Feb. 13	Gaylord	Plymouth	Fall of roof	13
	July 17	East Sugar Loaf	Stockton	Explosion of powder & dynamite	8
	Oct. 8	Luke Fidler	Shamokin	Mine fire	5
	Oct. 11	Henry Clay	Shamokin	Boiler Explosion	6
895	Feb. 18	West Bear Ridge	Mahonay Plane	Explosion of gas	5
	Oct. 7	Dorrance	Wilkes-Barre	Explosion of gas	7
896	June 28	Twin	Pittston	Fall of roof	58
	Oct. 29	S. Wilkes-Barre #3	Wilkes-Barre	Explosion of gas	6
897	Jan. 13	Wadesville	Wadesville	Crosshead fell down shaft	5
	Sept. 28	Jermyn #1	Rendham	Mine fire	5
	Oct. 30	Von Storch	Scranton	Mine fire	6
898	May 26	Kaska, William	Middleport	Drowned-water from old working	s 6
-,0	Oct. 1	Midvale	Wilkes-Barre	Mine fire	
	Nov. 5	Exeter	West Pittston	Car fell on cage in shaft	Č
900	Nov. 9	Buck Mountain	Mahanoy City	Explosion of gas	-
					ė
901	Oct. 25	Buttonwood	Plymouth	Explosion of gas	-
902	Nov. 29	Luke Fidler	Shamokin	Explosion of gas	9
	Dec. 9	S. Wilkes-Barre	Wilkes-Barre	Explosion of powder & dynamite	
904	Jan. 30	Maple Hill	Mahanoy City	Explosion of powder & dynamite	5
	May 5	Lance	Plymouth	Explosion of powder & dynamite	5
	May 5	Locust Gap	Locust Gap	Mine fire	5
		Williamstown	Williamstown	Suffocated by gas from	
	May 25		HITTI GIII S COMIT	mine locomotive	10

ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED, 1847 - 1962

Year	Date	Colliery	Location of colliery		ber led
1904	Nov. 2	Auchincloss	Nanticoke	Falling down shaft	10
1905	Feb. 18	Lytle	Minersville	Fall of roof	5
	Mar. 9	Clear Spring	West Pittston	Falling down shaft	7
	Apr. 26	Conyngham	Wilkes-Barre	Falling down shaft	10
1906	May 15	Shenandoah City	Shenandoah	Explosion of powder & dynamite	
	Aug. 6	Susquehanna #7	Nanticoke	Explosion of gas	6
1907	Mar. 2	Holden	Taylor	Explosion of gas	7
1908	June 18	Johnson #1	Priceburg	Explosion of gas	7
	May 12	Mount Lookout	Wyoming	Explosion of gas	12
	May 13	Prospect	Midvale	Fall of roof	5
	July 15	Williamstown	Williamstown	Explosion of powder & dynamite	
	Aug. 28	Warrior Run	Wilkes-Barre	Mine cars	6
1909	Mar. 2	Pennsylvania #14	Pittston	Explosion of gas	8
1010	Nov. 9	Auchincloss	Nanticoke	Mine fire	7
1910	Jan 11	Nottingham	Plymouth	Explosion of gas	7
1011	Mar. 12	S. Wilkes-Barre #5	Wilkes-Barre	Explosion of gas	72
1911	Apr. 7	Pancoast	Throop	Mine fire	
	May 27	Cameron	Shamokin	Explosion of gas	5 5
	Sept. 12	Marvine Drifton #2	Scranton Freeland	Mine cars Cave—in	5
1912	Oct. 3 Jan. 9	Parrish	Plymouth	Explosion of gas	6
1913	Aug. 2	East Brookside	Tower City	Explosion of gas	20
1914	May 29	Marvd	Maryd	Overwinding of cage	6
1914	Sept. 16	Lehigh #4	Lansford	Explosion of gas	7
	Dec. 9	Diamond	Scranton	Falling down shaft	13
1915	Feb. 17	Prospect	Wilkes-Barre	Explosion of gas	13
1916	Feb. 8	Lance #11	Plymouth	Explosion of gas	7
1910	Mar. 9	Hollenback #2	Wilkes-Barre	Explosion of gas	6
	Aug. 8	Woodward	Edwardsville	Explosion of gas	6
1919	June 5	Baltimore Tunnel	Wilkes-Barre	Explosion of powder & dynamite	
1717	July 8	Lansford	Lansford	Explosion of gas	8
1921	Mar. 9	Rahn	Seek	Explosion of gas	5
1922	Nov. 3	Eddy Creek	Scranton	Premature blast	6
1923	Feb. 21	Alliance	Middleport	Explosion of gas	5
1,00	June 26	Richards	Mount Carmel	Explosion of gas	5
	Dec. 8	Mount Jessup #2	Jessup	Fall of roof	5
1924	June 6	Loomis	Nanticoke	Explosion of gas	14
1925	May 22	Woodward	Edwardsville	Explosion of gas	7
	Aug. 3	Dorrance	Wilkes-Barre	Explosion of gas	10
1926	May 6	Randolph	Port Carbon	Explosion of gas	5
	July 3	Pettebone	Kingston	Explosion of gas	7
	Oct. 30	Susquehanna #7	Nanticoke	Explosion of gas	9
1927	May 26	Woodward	Edwardsville	Fall of roof, followed	
				by an explosion of gas	7
1928	May 25	Baltimore #5	Wilkes-Barre	Explosion of gas	10
1930	Aug. 8	Gilberton	Gilberton	Fall of roof	8
1931	May 29	Richards	Mount Carmel	Explosion of gas	5
1935	Jan₀ 21	Gilberton	Gilberton	Explosion of gas	13
	May 7	S. Wilkes-Barre	Wilkes-Barre	Piece of rock fell down	
				shaft. struck cage	7
1936	Aug. 24	Clear Spring	West Pittston	Explosion of gas	5
1938	Apr. 27	St. Clair	St. Clair	Explosion of gas	8
	June 2	Volpe	Pittston Twp.	Explosion of gas	10
1943	Sept. 24	Primrose	Minersville	Explosion of gas	14
1947	Jan∙ 15	Nottingham	Wilkes-Barre	Explosion of gas	15
	Apr. 10	Schooley	Exeter Boro.	Explosion of gas	10
	Dec. 11	Franklin	Wilkes-Barre	Explosion of gas	8
1951	Mar. 29	Buttonwood	Hanover Twp.	Explosion of gas	5
1952	Mar. 27	Holmes Slopes	Forrestville	Drowned - blast blew	
		_		through to old workings	5
1959	Jan. 22	Ewen	Port Griffith	Drowned - river broke	12
				into mine	12

ANTHRACITE DIVISION

		MECHANICA	MECHANICAL LOADING			ELECTRIC	ELECTRIC MOTORS	Z ž	JMPS DEI	PUMPS DELIVERING WATER TO SURFACE
				Number of Tons				-		Number of Gallons
Dist- :	Number of Scrapers, Conveyors or	Number of Under- cutting or	Number of Loading	Produced by Mechanical	Number of Employes : Engaged in this :	Total	Total Horse-	: Tot	Total	delivered per day of
rict :	Shaker Chutes	Mining Machines	Machines	Loading	class of work :	Number	power	t Nun	Number	24 hours
1	13	•	,	8,101	32	225	6,744		4	12,286,000
2	43		•	135,913	150	333	14,299			. 1
e	46	1	-	129,764	165	131	3,233		,	
11	82	1	•	198,381	192	838	38,951	.,	20	123,162,000
13	148	4	16	910,198	457	720	28,507		16	41.792,200
14	164		6	871,947	631	497	23,276		01	10,410,900
15	19	1	•	30,576	45	528	15,088		2	4,436,100
16	n			12,000	e	277	7,681	•	89	5,207,000
17	13	1	1			126	6,005		14	1,669,000
18	15	ı	1	37,217	83	176	7,296		13	8,868,000
19	S	ı		24,109	21	506	4,360		9	3,941,200
50	9	1	14	154,019	103	86	2,584		4	371,600
21	ю	ı	1	11,600	12	292	4,461		=	268,000
8	2	ı	ı	2,192	က	190	6,238		e	1,733,027
R	7	ı	7	7,250	e	87	4,326		9	450,685
24	16	ı	1	138,091	128	441	6,189		6	2,920,000
12	13	1	12	236,730	121	477	13,432		17	7,138,000
8	15	,	-	30,265	78	794	26,263		01	17,617,065
27	12	1	4	75,347	35	299	7,374	,	40	3,090,000
28	e	1	က	20,966	18	49	1,683		8	355,000
8	9	1	1	17,440	6	34	739		6	205,000
30	-	-	9	52,463	15	219	2,659		91	570,400
Total	629	S	71	3,104,569	2,264	7,028	231,988	5	289	246.791.177

PRODUCTION TABLE

				Produc	Production - net tons	tons		Pounds					
					2019	llead at		normic-					Mon-
					2	3	•						100
			s Shipped to market	o market :	to	colliery	••	sible ex-	Pounds			Fatal	fatal
			1 By	By :	local	for steam	Total :	plosives	dynamite	Days	Empl-	Empl- acci-	acci-
Operators and Collieries		County	: railroad	truck:	trade	and heat	production:	nsed	nsed	worked	oves	dents	dents
Booth Products, Inc.													
Raymond Breaker	æ	Lackawanna	•	•	ı			1	ı	62	*	1	•
C.B.M. Coal Co.													
Winton Bank	þķ	Lackawanna	314	281	476	11	1,082 a	,	•	77	6	1	ı
Carbondale Coal Co.													
Powderly Strip	s	Lackawanna	162,330	99,434	108,381	4,434	374,579	494,709	55,050	308	114	١	4
Cleaning Plant	ВР	Lackawanna	•			. 1	. '	. •	. "	200	12	•	,
Total			162,330	99,434	108,381	4.434	374,579 b	494.709	55.050		126		4
Carco. Toc.													
Powderly Strip	S	Lackawanna	3,387	2,125	2,313	95	7.920 c	2.500		47	ŗ		
Castelli & Cocodtelli Coal Co.	9 6			200	2062	2	2026	20064	,	î	3		
Riverside Colliery	DM	Lackawanna	909	545	928	22	2.101 d	9.324	012	000	7		-
Cicio Coal Co.				!	!								•
Northwest Breaker	20	Lackawanna	•	١			٠			35	٧		(
DeAngelis Supreme Anthracite, Inc.	P. Inc.									3	r		
Bolands Breaker B	þķ	Lackawanna	75	•	212		287	(220	8		
,		Lackawanna	001		1 405		1 685	000	000	9 6	9 0		,
To+a1			265		1 707		1 070	000		255	2		
יייי דיייין דיייין דיייין דיייין דיייין			203		10161		71217	2,000	2002		25		1
E. & A. COMI CO.			!				;						
Erie Strip	S	Lackawanna	47	ı	233	ı	280 e	ı	909	72	က	ı	
Esgro coal co.	-												
Raymond Colliery	ž	Lackawanna	411	234	1,024	19	1,988 f	009*9	1,050	237	2	•	ı
Halsey Contracting Co.													
Mayfield Strip	s	Lackawanna	1,993	172	200	33	2,898 g	000,9	800	116	9		1
Hudson Realty Co., Inc.													
Coalbrook Strip	s	Lackawanna	13,008	7,989	8,701	356	30,054 h	71,900	4,000	227	22		,
Gravity Strip	s	Lackawanna	623	68	109	1	821 1	. •	. '	00	7	1	1
Jermyn Strip	s	Lackawanna	2,595	1,198	1,325	48	5,166 1	009	300	196	ß	•	1
Powderly Strip	s	Lackawanna	32,675	10,145	11,461	301	54,582 k	183,860	33,550	240	37	ı	-
Total			48,901	19,421	21,596	705	90,623	256,360	37,850		7.1		-
Kaminski Bros., Inc.													
Buffalo Strip	s	Lackawanna	268	560	695	2	1,525 1	100	•	17	7	•	
Kuna Coal Co.													
Erie Strip	s	Lackawanna	183	181	752	14	1,130 m	•	•	148	က	1	•
Masters Contracting Corp.													
Browndale Strip Matisko Coal Co.	S	Wayne	153	1	436	•	589 e	1,250	200	41	9	ı	
Forest City Bank	pk	Susmiehanna	8.112		1.264	136	0.512 p	•		184	c		1
						2	79.044	ļ	1	5	4	J	

ker - District	+ + + + + + + + + + + + + + + + + + + +	ket : Sold User	Used at		permis- sible ex-	Pounds			Fatal	Non- fatal
ors and Collieries County : 3 st Mining Co., Inc. B Lectawanna tty Drifts Total Total DM Lectawanna Total DM Lectawanna Total DM Lectawanna Total Co. Total DM Lectawanna Total Co. DM Lectawanna Coal Co. Coal Coal prepared at Marvine Breaker - District Coal Coal Coal Prepared at Marvine Breaker - District Coal Coal Coal Prepared at Marvine Breaker - District Coal Coal Coal Prepared at Debatok Breaker - District Coal Coal Coal Prepared at Debatok Breaker - District Coal Coal Coal Prepared at Debatok Breaker - District Coal Coal Coal Prepared at Debatok Breaker - District Coal Coal Coal Prepared at Debatok Breaker - District Coal Coal Coal Prepared at Debatok Breaker - District Coal Coal Coal Prepared at Debatok Breaker - District Coal Coal Coal Prepared at Debatok Breaker - District Coal Coal Coal Prepared at Debatok Breaker - District Coal Coal Coal Prepared at Debatok Breaker - District Coal Coal Coal Prepared at Debatok Breaker - District Coal Coal Coal Prepared at Debatok Breaker - District Coal Coal Coal Prepared at Debatok Breaker - District Coal Prepared at Debatok Breaker - District Coal Prepared Co	d +o market	to	colliery	• ••	sible ex-	Pounds			Fatal	fatal
est Mining Co., Inc. B. Lackawanna Ity Drifts Trio Strip Occol Book Coal Co. Occol Book Coal Co. Coal Co. Coal Co. Coal Co. Coal Co. DM. Lackawanna District Total Coal Co. DM. Lackawanna Coal Coal Co. DM. Lackawanna Coal Co. DM. Lackawanna Coal Co. DM.	The state of the s	1001	colliery	•	-XA ATOTS	spunoa			Tala	0 0
at Mining Co., Inc. B Lackawanna Ity Diffs	By s	TBOOT	for steam	Total	plosives	dvnamite	Davs	Emp1-	Empl- acci-	acci-
set Mining Co., Inc. Hy Drifts Total Tota	4	trade	and heat	product ion:		nsed	worked	oves	oyes dents	dents
ty Drifte Total DM Lackawanna Lickenic DM Lackawanna Lickenic Total DM Lackawanna Lickenic DM Lackawanna DM DM Lackawanna DM										
ity Drifte DM Lactawanna AC 201 Co. B Lactawanna Coal Co. B Lactawanna Coal Co. B Lactawanna B Lactawanna Coal Co. Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal C		1	ı	1	1	1	125	33*	ı	1
The Strip S Lackawana S Lackawana S Lackawana S Lackawana S Lackawana Cool Co. Cool Co. DM Lackawana Cool Co. DM Lackawana Cool Co. DM Lackawana Cool Co. DM Lackawana Cool Co. S Lackawana Cool Co. S Lackawana Cool Co. S Lackawana Lackawana Cool Co. S Lackawana Cool Co. S Lackawana Cool Cool Mining Co. DM Lackawana Lackawana District Total Mining Co. DM Lackawana Cool Cool Cool Cool Cool Cool Cool Coo	6 22	28	,	506	200	200	44		•	
The Revo. AC Coal Co. B Leckawanna Coal Co. B Leckawanna Local Wining AC Coal Co. B Leckawanna Local Wining B Leckawanna Local Wining Coal Co. AC Coal Co. AC Coal Co. Coal Co. AC Coal Co. AC Coal Co. Coal Co. AC Coal Co. Coal Coal Co. Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal Coal	6 22	28	,	206 0	200	200		38		'
The Ostrip, S Lackawanna (occol Book Coal Co. Cook Easier B bk Lackawanna (coal Co. Coal Co. DM Lackawanna Coal Co. DM Lackawanna a Coal Co. DM Lackawanna a Coal Co. S Lackawanna Distripting Co. DM Lackawanna District Total Mining Co. B Lackawanna District Total Coal Mining Co. B Lackawanna District Total Coal Mining Co. B Lackawanna District Total Coal Mining Co. DM Lackawanna Coal Coal Coal Coal Coal Coal Coal Coa										
Took Exaster Co. (Calloc.) Manager Construction Construc	1 194	1,062	e	1,860 p	1	1,670	240	S	ı	8
to cook Breaker Coal Co. Coal Co. Coal Co. Coal Co. B Lackawanna a Coal Co. B Lackawanna blad Strio S Lackawanna Loal Co. S Lackawanna Loal Co. B Lackawanna Loal Co. B Lackawanna Loal Co. Coal Co. B Lackawanna Listrict Total B Lackawanna Listrict Total S - Stripping ep Mined S - Stripping S - Stripping (a) All coal prepared at Penbrook Breaker GO, 356, 773 tons prepared at Parynand Breaker (b) 567, 773 tons prepared at Parynand Breaker (b) 507, 773 tons prepared at Alexawanna Breaker (c) All coal prepared at Pomory Breaker (d) 2,082 tons prepared at Pomory Breaker (e) All coal prepared at Pomory Breaker (f) All coal prepared at Pomory Breaker (e) All coal prepared at Boal and Breaker (f) Lons prepared at Boal and Breaker										
Ac Coal to. Coal Co. Coal Co. E Lockawanna a Coal Co. B Lockawanna baid Strip - Coal Co. S Lockawanna 1 Coal Mining Co. B Lackawanna 1 Coal Mining Co. B Lackawanna District Total District Total S - Stripping eep Mined (a) All coal prepared at Penbrook Breaker (b) 867,773 tons prepared at Penbrook Breaker (c) All coal prepared at Marvine Breaker (d) 50,2082 tons prepared at Marvine Breaker (d) 2,082 tons prepared at Marvine Breaker (d) 2,082 tons prepared at Marvine Breaker (e) All coal prepared at Marvine Breaker (f) All coal prepared at Denbrook Breaker (f) All coal prepared at Denbrook Breaker (f) All coal prepared at Bohnook Breaker (f) All coal prepared at Bohnook Breaker	1	328	36	2,469 n	ı	ı	231	9	ı	1
Coal Co. Coal Co. Subad Strip Buckawana District Total District Total Subad Stripbing ep Mined Subad Stripbing Subad Subad Stripbing Subad		į	:				1			
ep Mined ep Min	304	1/9	13	1,366 q	3,700	375	502	٥	ı	ł
Data Structure S Lackawanna Data Structure S Lackawanna Coal Co. DM Lackawanna Coal Co. DM Lackawanna Coal Co. DM Lackawanna Coal Mining Co. DM Lackawanna District Total Coal Prepared at Penbrook Breaker District Coal Coal Prepared at Panyanna Breaker District Coal Coal Prepared at Raymond Breaker District Coal Coal Prepared at Raymond Breaker District Coal Coal Prepared at Pompow Breaker (c) 1110 prepared at Boal Breaker (c) 1118 tone prepared at Pompow Breaker (c) 118 tone prep					1	1	246	2,0		c
Loal Colling Coal Coal Ming Co. District Total Extrapling Extr									1	4
Coal Co. Coal Co. Coal Mind Co. Electron B Lackawanna Elstrict Total S - Stripping En Mind Co. S - Stripping En Mind Co. S - Stripping En Mind Co. S - Stripping S - Stripping En Mind Drepared at Penbrook Breaker - Did S Of 7773 tons prepared at Marvine Breaker - Did S Of 100 strepared at Marvine Breaker - District C All coal prepared at Marvine Breaker - District C All coal prepared at Pomper Breaker - District (a) 2,082 tons prepared at Pomper Breaker - District (b) All coal prepared at Pomper Breaker - District (c) All coal prepared at Pomper Breaker (c) 1,118 tons prepared at Pomper Breaker (f) 1,118 tons prepared at Basine Breaker (f) 1,118 tons prepared at Benbrook Breaker (f) 1,118 tons prepared at Pomper Breaker	24 11	000	,	85 r	,	200	27	0	ı	ı
ond Colliery loal Wining Co. B Lackawana lightict Total District Total District Total S - Stripping en Mined S - Stripping (a) All coal prepared at Penbrook Breaker - District ABO from prepared at Marwine Breaker - District (b) 369,773 tons prepared at Marwine Breaker - District (c) All coal prepared at Anymond Breaker - District (a) All proal prepared at Pompey Breaker - District (a) Load prepared at Pompey Breaker (b) All coal prepared at Pompey Breaker (c) All coal prepared at Boal Breaker (c) All coal prepared at Pompey Breaker (d) Long prepared at Boal and Breaker (e) All coal prepared at Boal and Breaker (f) Long prepared at Pompey Breaker (f) Long prepared at Pompey Breaker										
1 Coal Mining Co. El Lackawanna El Braker Coal El Lackawanna Est Coal El Carloping S - Stripping A - Str	139 278	579	10	1,006 s	100	ı	58	80	1	1
bistrict Total District Total S - Stripping (a) All coal prepared at Penbrook Breaker - District (b) 807,773 tons prepared at Marvine Breaker - District (c) 0,306 tons prepared at Marvine Breaker - District (c) 0,436 tons prepared at Marvine Breaker - District (c) 0,408 tons prepared at Marvine Breaker - District (d) 2,082 tons prepared at Pompov Breaker (i) only prepared at Pompov Breaker (e) All coal prepared at Pompov Breaker (f) 1,118 tons prepared at Boland Breaker (f) 1,118 tons prepared at Boland Breaker (f) 1,118 tons prepared at Pompov Breaker										
District Total S - Stripping S - S - S - S - S - S - S - S - S - S	-		-	-	8		173	9	1	1
eep Mined S - Stripping (a) All coal prepared at Penbrook Breaker 480 form prepared at Amerika Breaker - Di 480 forms prepared at Lose Breaker - District 6 All coal prepared at Marvine Breaker - District 6 All coal prepared at Marvine Breaker - District (d) 2,082 tons prepared at Pomper Breaker - District (e) All coal prepared at Pomper Breaker (f) All coal prepared at Pomper Breaker (e) All coal prepared at Pomper Breaker (f) Lill gtons prepared at Reaker	3 123,822	143,223	5,533	503,191	783,443	98,905	215	405	1	00
eep mines (a) All coal prepared at Penbook Breaker - Di 800,773 tons prepared at Penbook Breaker - Di 800 tons prepared at Alone Breaker - District 801 tons prepared at Alone Breaker - District 801 tons prepared at Raymond Breaker - District 801 tons prepared at Pompey Breaker 19 tons prepared at Pompey Breaker (a) All coal prepared at Pompey Breaker (b) All coal prepared at Pompey Breaker (c) All coal prepared at Pompey Breaker (d) All coal prepared at Bolanda Breaker (f) All coal prepared at Bolanda Breaker	100	d	and the same	40				,	3	
	dilk	D - Dreaker	eaker	d	by - breaker Preparation Unly	eparation o	uly		W - Washery	ery
(g) 070 tons prepared at Raymond Breaker 2,003 tons prepared at Raymond Breaker 2,003 tons prepared at Maddell Breaker 136 tons prepared at Maddell Breaker (h) 259 tons prepared at Marvine Breaker (h) 259 EOS tons prepared at Marvine Breaker 472 tons prepared at Raymond Breaker	2 2	(i, i, i) (i) (ii) (ii) (iii)	All coal prepared at Raymond Breaker 4,004 tons prepared at Marvine Break 1,162 tons prepared at Raymond Break 26,348 tons prepared at Raymond Break 26,348 tons prepared at Raymond Break 12,41 tons prepared at Pombrok Breaker 20,4 tons prepared at Pombrok Breaker 10,500 tons prepared at Pombrok Breaker 10,500 tons prepared at Pombrok Breaker 10,500 tons prepared at Raymond Breaker 1,1059 tons prepared at Romen Breaker 1,1059 tons prepared at Pompow Breaker 1,1059 tons prepared at Pompow Breaker 1,1059 tons prepared at Pompow Breaker 1,1059 tons prepared at New Breaker 1,1059 tons prepared at New Breaker 1,1059 tons prepared at New Breaker 1,1050 tons prepared at New Breaker 1,110 tons prepared at New Breake	ared at Raym repared at Raym repared at Raym repared at Raym repared at Properties and a Raym ared at North ared at Roland repared at Walm ared at Raym ared at Raym ared at Raym	All coal prepared at Raymond Breaker 4,004 tons prepared at Marvine Breaker — District 2 1,162 tons prepared at Marvine Breaker — District 2 26,348 tons prepared at Marvine Breaker — District 2 23,344 tons prepared at Marvine Breaker — 1,241 tons prepared at Pompey Breaker 1,241 tons prepared at Pompey Breaker 100 tons prepared at Pompey Breaker 101 tons prepared at Pompey Breaker 102 tons prepared at Area Breaker — District 2 247 tons prepared at Pompey Breaker 103 tons prepared at Raymond Breaker 11 coal prepared at Raymond Breaker 11 tons prepared at Marvine Breaker 11 tons prepared at Marvine Breaker 11 tons prepared at Raymond Breaker 120 tons prepared at Bolands Breaker 131 tons prepared at Bolands Breaker 150 tons prepared at Bolands Breaker 151 tons prepared at Bolands Breaker	r - Distric r - Districer er - Districer r	. 7 7			

		Dist	District 1								
		Producti	on - net	tons		Pounds					
		s Sold Used	Sold	Used at	••	permis-				ž	-00
	s Shipped t		to	colliery	••	sible ex-	Pounds		Fa	tal fa	stal
	: By	By By:	local	for steam	Total :	plosives	dynamite	Days	Empl- ac	ci- a	-toc
Operators and Collieries County	: railroad	truck:	trade	and heat	trade and heat production: used	nsed	used worked oves dents dents	worked	oves de	nts de	ents
NOTE: (q) 410 tons prepared at Raymond Breaker			(s)	2 tons prepa	(s) 802 tons prepared at Raymond Breaker	d Breaker					
956 tons prepared at Penbrook Breaker			8	4 tons prepa	204 tons prepared at Penbrook Breaker	ok Breaker					
(r) 43 tons prepared at Penbrook Breaker			* Bo	oth Products	* Booth Products, Inc. sold the Raymond Breaker to Northwest Mining Co., Inc.	he Raymond B	reaker to N	orthwest	Mining Co	Inc.	
							The same of the same				

on June 15, 1962. Employes were transferred to same. 42 tons prepared at Bolands Breaker

12 2 5 103 85 44 504 173 25 84 20 12 214 62 12 961 228 213 181 150 200 275 ,500 3,175 ı ı 36,300 3,400 1,022 40,722 1,500 5,193 2,850 2,250 85 .500 140 15,500 6,100 ı 5,498 a 1,094 c 905 d 162 e 10,073 9 74,452 k 2,758 k 41,144 l 247 £ 14,768 c 6,434. i 498 4,623 0,073 121 ı . 9,927 4,285 .042 416 17,936 503 2,941 224 6,793 2,127 1,901 2,941 District 2 318 387 2,703 2,215 164 136 120 2,703 1,748 130 693 7,191 267 3,979 37 1,826 27,238 78,281 895 4,308 5,760 353 2,785 144 165 165 427 96 4,308 1,803 49,217 Lackawanna Lackawanna ackawanna Lackawanna ackawanna Lackawanna Lackawanna ackawanna Lackawanna Lackawanna Lackawanna ackawanna ackawanna ack awanna ackawanna ackawanna DW MO DM M M M MO m A MO ă Lackawanna Cinder & Silt Co. Total Total Botcheller Co., Inc., L. J. Lombardi Coal Co., Inc. Broadwell No. 13 Drift Penn Anthracite Strip Hudson Realty Co., Inc. Eddy Creek Strip Woffat Coal Co., Inc. Continental Slope A. C. & A. Coal Co. (id-Valley Coal Co. Ace Coal Co., Inc. Greenwood Coal Co. Greenwood Strip Marvine Breaker No. 1 Slope C. & G. Coal Co. C. & D. Coal Co. Mazzone Coal Co. No. 185 Slope No. 8 Drift No. 2 Slope Ace Breaker No. 2 Slope No. 9 Slope No. 1 Slope Pyne Slope

1.437

Total

County C				Producti	roduction - net tons	tons		Pounds					
1 Shipped to market 1				••	Sold	Used at	-	permis-					Non-
Sample County 1			s Shipped to	market :	to	colliery	••	sible ex-	Pounds			Fatal	fatal
11 12 12 13 14 15 15 15 15 15 15 15			: By	By :	local	for steam	Total	plosives	dynamite	Days	Empl-	acci-	
State DM Lackawanna	Operators and Collieries	County	railroad	truck:	trade	and heat	production:	nsed	nsed	worked	- 1		dents
i. Slope DM Lackawanna BSB 1,645 4,649 - 7,152 m 12,750 1,440 105 17 10. Inckawanna BL Lackawanna 455 128 19 19 10. Inckawanna 532 - 236 - 1648 p 1,125 350 90 6 10 10. Inckawanna 2,076 3,979 11,247 - 17,302 q 21,975 2,500 23 33	Mountain Slope Coal Co.												
S Lackawanna	Sibley Col. Mt. Slope	DM Lackawanna	828	1,645	4,649	,	7,152 m	12,750	1,440	105	17	1	1
B Lackawanna	Old Forge Coal Co., Inc.												
Titles Co.,inc. S. Lackawanna A. & C. DM. Lackawanna DM. Lackawanna 2,076 1,332 - 236 - 768 0 975 17,302 1,125 13,979 11,247 11,302 2,179 2,250 223 330 10,628 10,638 10,648 10,658 10,6	Morgan Breaker	B Lackawanna	1	1	ı	1	1	1	1	128	_	1	1
Lackawanna 5.1 Lackawanna 6.43	O'Toole, John F.												
A. & C. A. & C. D. Lackawanna A. & C. D. Lackawanna D. Lackawanna 2,076 3,979 11,247 2,1758 - 1,648 p 1,125 350 90 6 1,331 2,076 3,979 11,247 - 17,302 q 21,975 1,332 1,331 S. Lackawanna 1,331 2,076 1,354 2,360 2,360 3,374 10,628 11,127 34,878 8,051 2,364 11,127 34,878 11,127 34,878 11,127 34,878 11,127 34,878 11,127 34,878 11,127 34,878 11,127 11,120 11,120 11,120	O'Toole Strip	S Lackawanna	1	1	455	1	455 n	1	25	54	4	1	1
A. & C. DM Lackawana 532 - 236 - 1,648 p 1,125 79 5 5 6 6 7 1 1,648 p 1,125 79 5 5 7 7 5 6 6 7 1,502 p 1,125 79 5 7 7 5 7 1 1,302 p 1,125 79 5 7 7 5 7 1 1,302 p 1,125 79 5 7 7 7 8 7 1,125 7 1 1,302 p 1,925	Riverdale Industries Co., Inc.												
A. & C. DM. Lackawanna 2,076 3,979 11,247 2,885 2,879 11,247 11,302 2,302 2,302 2,303 11,312 2,885 2,879 11,247 11,302 11,302 2,302 2,302 3,407 11,324 11,327 2,302 3,302 3,407 11,127 3,407 11,127 3,4878 8,703 12,994 13,954 2,303 2,405 11,950 24,424 42,414 11,950 24,425	No. 1 Slope	DM Lackawanna	532	1	236	,	0 892	975	175	79	'n	1	1
DM Lackawana	Triple Coal Co., A. & C.												
DM Lackewanna 2,076 3,979 11,247 - 17,302 q 21,975 2.0 223 33 1,247 1,247 - 17,302 q 21,975 2.0 223 32 1,231 2,250 223 32 1,231 2,250 223 2,250 223 2,250 223 2,250 2,25	No. 1 Slope	DM Lackawanna	643	247	758	,	1,648 p	1,125	320	06	9	1	1
DM Lackawana 2,076 3,979 11,247 - 17,302 21,975 - 233 33	Turnpike Coal Co.												
Total S Lackawanna 1,331 2,885 6,878 - 11,004 r - 2,500 223 5 5 6 8 6 8 6 1 13,004 r - 2,500 223 5 5 6 8 6 1 13,004 r - 2,000 223 5 5 6 6 8 6 1 13,004 r - 2,000 223 5 6 6 6 8 6 1 13,004 r - 2,000 223 5 6 6 6 8 6 1 13,004 r - 2,000 2 1 1 1,000 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Wingfoot Slope	DM Lackawanna	2,076	3,979	11,247	,	17,302 q	21,975	1	232		1	4
Total Total 3,407 6,864 18,125 - 28,396 21,975 2,500 37 8,10 Co. DM Lackawanna 10,628 6,034 13,954 - 30,616 s 37,450 1,950 241 42 42 citt Total 111,127 34,878 87,051 229 233,285 148,615 12,090 181 518 B - Breaker BP - Breaker Preparation Only	Turnpike Strip	S Lackawanna	1,331	2,885	6,878		11,094 r	-	2,500	223		1	2
Lo. DM Lackewenna 10,628 6,034 13,954 - 30,616 s 37,450 1,950 241 42 12 12 12 12 12 12 12 12 12 12 12 12 12	Total		3,407	6,864	18,125	1	28,396	21,975	2,500		37	1	4
DM Lackawanna 10,628 6,034 13,954 - 30,616 s 37,450 1,950 241 42	Village Slope Coal Co.												
111,127 34,878 87,051 229 233,285 148,615 12,090 181 518 S - Stripping bk - Bank B - Breaker BP - Breaker Preparation Only	Underwood Slope	DM Lackawanna	10,628	6,034	13,954	1	30,616 \$	37,450	1,950	241	42	1	4
ict Total 111,127 34,878 87,051 229 233,285 148,615 12,090 181 518 518 5 5 - Stripping bk - Bank B - Breaker BP - Breaker Preparation Only													
S - Stripping bk - Bank B - Breaker BP - Breaker Preparation Only	District Total		111,127	34,878	87,051	229	233,285	148,615	12,090	181		1	44
S - Stripping bk - Bank B - Breaker BP - Breaker Preparation Only			-		- Commence		-	-	-		1	1	1
	DM - Deep Mined	S - Stripping	bk - Bank		t co	Breaker	BP	- Breaker Pr	eparation O	nlv		- Wash	PLA
		G								-			

DK - Bank					
1			_		
×		-	⇉		-
-		Distante de	DISTRICT		District
		He CO	1		1
pling	saker	n Break	Breaker	eaker	Breaker
Ĭ.	3r	0 1	4	ä	7
s - Stripping	Ace	T WO	Se I-A	Ace E	Pompe
n	42			ب	ب
	NOTE: (a) 916 tons prepared at Ace Breaker	4,449 tons prepared at morgan breaker	prepared at	l prepared a	l prepared a
	0 1	- 1	S	0.0	oa
-	ي د	7 4	5	٥.	٥.
Minec	916	1 0	ò	4	A11
DM - Deep Mined	(e)			(P)	၁
DW -	NOTE				

All coal prepared at Pompey Breaker - District 1 P

- Company did not operate in 1962 coal obtained from storage All coal prepared at Bolands Breaker - District 1 Operated in January 1962 only. Ceased operating in May 1962. (e)
- Marvine Breaker was changed from North Coal Co. to Hudson Realty Co., Inc. from Mid-Valley Products Co. to Hudson Realty Co., Inc. on April 1, 1962. All coal prepared at Marvine Breaker. Operator was changed pile of 1961 - prepared at Pompey Breaker - District 1. 3 6
 - All coal prepared at Marvine Breaker. Ceased operating in April 1962. on September 1, 1962.

- All coal prepared at Raymond Breaker District Operated in January 1962 only.
- All coal prepared at Taylor Breaker District 3 All coal prepared at Taylor Breaker District 3 Ceased operating in August 1962. ZE
- 5.516 tons prepared at Bel-Air Breaker District 11 1,528 tons prepared at Raymond Breaker - District 1 All coal prepared at operator's sizing plant. All coal prepared at Bolands Breaker - District 108 tons prepared at Ace Breaker ê 20
- Mine operated by Riverdale Industries Co., Inc. first All coal prepared at Marvine Breaker - District 1 7,805 tons prepared at Ace Breaker Operated until August 1962. 8 months of 1962. (d) (6)
- 8,821 tons prepared at Penbrook Breaker District 1 523 tons prepared at Pompey Breaker - District 1 153 tons prepared at Morgan Breaker

				Product	District 2 Production - net tons	tons		Pounds					
				••	Sold	Used at		Dermis-					Non-
			: Shipped to market	market :	t0	colliery	••	sible ex-	Pounds			Fatal	fatal
			By	By :	local	for steam	Total :	plosives	dynamite	Days	Empl- acci-		acci-
Organitors and Collieries		County	railroad	trucks	trade	and heat	production:	nsed	nsed	worked	oves		dents
MOTE. (T) 1 130 tone prepared at Ace Breaker	40	Co Brosker				(c) 5,577	5.577 tone prepared at Denbrook Breaker	at Donhrook	Brosker				
	t Per	brook Breaker -	District 1				6.560 tons prepared at Raymond Breaker	at Raymond	Breaker				
8,985 tons prepared at Pompey Breaker - District 1	at	Pompey Breaker -	District 1			17,507	17,507 tons prepared at Pompey Breaker - all District 1	d at Pompey	Breaker - a	11 Distri	ict 1		
				Dis	District 3								
A. & R. Coal Co.													
Wo. 2 Drift	DM	Lackawanna	297	1	243	1	540 a	1,500	1	83	S	1	ı
DeLeo Trucking Co.													
Dunmore Bank	ď	Lackawanna		ı	80		90 P	1	1	15	7	ı	ı
Diamond Colliery Co.													
No. 15 Slope	DW	Lackawanna	2,813	1,082	3,319		7,214 c	13,850	3,750	104	42	ı	8
Diamond Strip	S	Lackawanna	6,259	2,309	7.541	•	16.109 d	. 1	3,350	262	15	•	1
Total			9,072	3,391	10,860		23,323	13,850	7,100		52		2
Kaminski Bros., Inc.													
Capouse Strip	(S	Lackawanna	3,293	1,503	4.679		9.475 e	300		8	11	•	1
Moffat Coal Co. Inc.													
Archbald Colliery	MQ	Lackawanna	36,665	5,357	13,362	75	55,459	42,200	1,750	224	28	•	9
No. 179 Slope	DM	Lackawanna	5,925	998	2,159	,	8,950	22,550	175	200	15	1	8
Pyne-Hyde Park Strip													
(Schrader)	s	Lackawanna	15,265	2,230	5,563		23,058	,	26,460	194	14	•	ı
Pyne Strip (Empire)	s	Lackawanna	15,552	2,272	5,668		23,492		3,750	242	14	1	1
	DW	Lackawanna	479	73	174	1	726	100	200	35	6	•	ı
Sloan Colliery Strip (Comet)		Lackawanna	1,976	586	720	1	2,985	550	150	87	œ	1	ı
Storrs Colliery	DM	Lackawanna	15,163	2,213	5,526	1	22,902	24,301	31,440	526	67	1	-
	s	Lackawanna	29,974	4,374	10,924		45,272		3,700	249	24	1	-
(Harris & Walsh)													
npire)	s	Lackawanna	815	124	596		1,235		1	48	01	1	ı
Taylor Colliery B	DM	Lackawanna	36,945	2,398	.13,464	322	56,129	37,500	1,750	227	166	•	6
Taylor Shops & General		Lackawanna			1				•	272	48	1	ı
Taylor Colliery Strip(Comet)	s	Lackawanna	2,515	367	916	8	3,798	575	450	101	9	•	1
Total			161,274	23,563	58,772	397	244,006 f	127,776	70,125		439	1	19
Monroe Co., Inc.													
Diamond Bank	ğ	Lackawanna	362		39,097		39,492	•		170	00	•	ı
Bellevue Washery	×	Lackawanna	-	-	-	-	-			201	16	1	-
Total			395		39,097		39,492 b				24		-
N. & R. Coal Co.													
Bulls Head Bank	þ	Lackawanna	1	1	370	1	370 b	1	1	65	ιC)	1	•
Stipp Construction Co.													
E. & L. Railroad Bank	ğ	Lackawanna	1,122	1,469	4,195		6,786 9	1	1	75	15	1	

	Non-	acci-	dents		1		21	1	ry	
	No Fatal		dents de		ı		٠		W - Washery	
	Ľ	Empl- acci-	oves de	e	7	10	268	-	×	
		Days E		91	166		199	-		
							77,225		on Only	Istrict trict 2 rict 2 lstrict
	Dounde	dynamite	nsed			Ì	77,		eparati	ker - Distributed by the control of
Pounds	permis-		nsed	,			143,426		BP - Breaker Preparation Only	Pompey Breandrage Breandrage Breaker Ace Breaker ylor Breaker Pompey Breaker Ace Breaker Ace Breaker B
		Total :	production: used	3,226		3,226 h	327,298		BP -	7,356 tons prepared at Pompey Breaker - District 213 tons prepared at Morgan Breaker - District 405 tons prepared at Morgan Breaker - District 2 11501 tons prepared at Ace Breaker - District 2 All coal prepared at Ace Breaker - District 2 5,644 tons prepared at Taylor Breaker - District 2 5,644 tons prepared at Ace Breaker - District 2 1,142 tons prepared at Ace Breaker - District 2 1,040 tons prepared at Ace Breaker - District 2 1,040 tons prepared at No. 1 Washery
tons	Used at	for steam	and heat	•		ļ	397		B - Breaker	(e) 7,356 tons 213 tons 1405 tons 1,501 tons (f) All coal (g) 1,142 tons 5,644 tons (h) All coal
Production - net tons	Sold	local	trade	3,226	1	3,226	29,926 121,522	-	ш	3 53 5
Product	market :	By :	truck:	,			29,926			
	Shinned to market	Ву	railroad				175,453		bk - Bank	trict 1 rict 1 District 1
			County		Lackawanna				S - Stripping	All coal prepared at Raymond Breaker - District I all coal prepared at Bellavew Weaher District I All coal prepared at Pompey Breaker - District I 1394 tons prepared at Pompey Breaker - District I 1734 tons prepared at Bolands Breaker 240 tons prepared at Raymond Breaker - All District
				ğ	×	al	al		S	pared a pared a pared a prepare prepare pared a pared a
			Operators and Collieries			Total	District Total			coal pre
			and Col	Bank	shery		Distr		Mined	
			rators	Myoming Co. Dunmore Bank	No. 1 Washery				DM - Deep Mined	NOTE: (a) (c) (d)
			Ope	Wyo	Z				DW	NOT

District 7 - became part of District 11 on January 1, 1962.

	1	٠	1	١.	1	•		١	١	1	1	
	ı	•	1			1		1	1	1	,	
	21	e	2	ω		17		e	4	2	2	1
	187	288	06			142		7.1	170	234	38	
	•	1	1	1		ı		ı	1	1	ı	-
		1,700	260	1,960		1		750	1	,	1	750
	1	8,408	580	8,988 a		10,757 b		1,560 d	49,294 c	,	4,823 e	55,677
	1	1	1			1		1	8	,		84
istrict 11	ı	8,408	580	8,988		10,757		459	15,082	1	1,973	17,514
DIS	,	ı	-	1		1		413	15,168	1	571	16,152
	1	1				1		989	18,960		2,279	21,927
	Luzerne	Sullivan	Sullivan			Luzerne		Luzerne	Luzerne	Luzerne	Luzerne	
	ВР	s	DM			pk		s	рķ		ž	
		BP		Total		Bb						Total
Bel Air Coal Co.	Bel Air Breaker Bliss Coal Co.	Bliss Strip	No. 1 Drift	-	Bylite Corp.	Bylite Breaker	C. B. M. Coal Co.	Laflin Strip	Lance Bank	Maintenance Shop	Nottingham Bank	

				Product	District 11 Production - net tons	tons		Pounds					
			Chicago of boundary	* *************************************	Sold	Used at		permis-	Dougle			N Lote	Non-
			shipped to	By :	local	for steam	Total :	plosives	dynamite	Days	Empl- acci-		acci-
Operators and Collieries		County	: railroad	truck:	trade	and heat	production:	nsed	nsed	worked	oyes dents		dents
Capone Coal Co.													
Miners Mills	DW	Luzerne	2,020	1,080	4,516	100	7,716 f	2,350	1	199	7	ı	~
Prospect Strip	s	Luzerne	8,116	3,850	19,036	480	31,482 9		8,450	104	10	ı	ı
Henry Strip	s	Luzerne	8,220	4,210	21,924	490	34,844 h		8,150	244	12	1	7
Total			18,356	9,140	45,476	1,070	74,042	81,970	16,600		53	1	2
Dicksville Coal Co.													
Maltby Colliery BP	DW	Luzerne	1	•	6,021		6,021 1	13,625		203	15	ı	ო
E. & B. Coal Sales													
Booth Strip BP	s	Sullivan	•		1,723	'	1,723 j		•	169	S	ı	1
Gigliello Coal Co.													
Ewen Colliery	DM	Luzerne	1,235	618	3,961	94	5,908 k	650	175	231	00	1	•
Glen Alden Corp.													
Avondale Bank	þķ	Luzerne	1	•	1	104,986	104,986 1		1	188	က	ı	1
Bliss Mills Strip	s	Luzerne	53,292	15,500	34,558	540	103,890 m	1,169,820	•	242	80	1	7
Bliss Red Ash Strip	S	Luzerne	4.550	1,141	2,997	41	8.729 n		200	257	9	١	
Delaware ColDelaware Shaft													
Deep Well Pumps		Luzerne	•	1	ı	•	1	•	1	158	•	1	•
Empire-Kidder Strip	s	Luzerne	18,820	6,140	7,625	145	32,730 0	1,200	300	233	50	•	
Ewen ColHoyt Shaft													
Deep Well Pumps		Luzerne	•	•	1	,	,	1	•	177	1	1	•
Grand Tunnel	DM	Luzerne	5.440	1,318	4.086	63	10,907 p	1,199	150	196	8	•	~
Lance ColLance Shaft													
Deep Well Pumps		Luzerne		•	•	1	'	1	1	107	1	•	•
Loomis Colliery	MQ	Luzerne		•	1	1		6,300	250	61	42	1	8
Nanticoke Power Plant		Luzerne		1	1	1	,	١.	1	365	37	1	8
So. Wilkes-Barre Col. #5 Shaft	ft	Luzerne		•		•	•			150	ı	ı	
Deep Well Pumps													
Wanamie Strip	s	Luzerne	30,491	8,915	12,355	160	51,921 r	280,200	•	229	=	'	1
Total			112,593	33,014	61,621	105,935	313,163	1,460,494	006		228		7
Hudson Realty Co., Inc.													
Baltimore Strip	s	Luzerne	2,892	1,789	1,947	80	6,708 s	30,000	2,000	24	=	•	
Delaware Strip	s	Luzerne	24,762	7,480	20,260	220	52,722 t	186,500	2,600	261	55	•	1
Loree Strip BP	s	Luzerne	43,926	12,290	29,065	359	85,640 u	339,980	8,990	257	120	-	2
Total			71,580	21,559	51,272	629	145,070	556,480	19,590		153		9
K. P. I. Coal Co.													
Maltby Strip	s	Luzerne			226		556 1	ı	089	8	4		
Kaminski Bros., Inc.				1			-						
Butler Strip	S	Luzerne	1,844	718	2,217		4,779 v						

			**		Sold	Used at	••	permis-				_	Non-
			s Shipped to market	market :	to	colliery	••	sible ex-	Pounds			Fatal	fatal
			s By	By s	local	for steam	Total	plosives	dynamite	Davs	Emp1-	Empl- acci-	arri-
Operators and Collieries		County	: railroad	trucks	trade	and heat	production:	nsed	nsed	worked	OVes		dente
Kassa Coal Co.											1		
Kassa Breaker	ВР	Luzerne		,	1	•	,	1	1	102	7	1	١
Laflin Heights Coal Co.													
Laflin Colliery	DW	Luzerne	089*6	6,240	16,360	80	32,360 w	46,700	4,350	223	22	1	6
Lehigh Valley Anthracite, Inc.													
Dorrance Breaker	ВР	Luzerne			•	•		•	•	112	23	•	8
Franklin Colliery	DW	Luzerne	33,696	22,065	13,554	622	69,937 x	59,182	1,015	244	54	١	23
Franklin Strip	S	Luzerne	7,328	4.799	2.948	135	15.210 ×	5.980	250	101	=		,
Gavlord Strips	S	Luzerne	209,364	137,099	84.215	3.867	434.545 v	422.613	7.020	202	2	-	4 ~
Hotel Daniel	0					10060	1 0000	200	200	2	9 6	4	0
Dally E. Diedkel	d e	all tazor	1		. :				1	143	33	•	ı
sd	so :	Luzerne	69,671	45,623	28,025	1,287	144,606 x	396,452	6,012	293	23	~	9
Loomis Bank Total	ρĶ	Luzerne	138,505	20,085	11,286	50	169,896 z	-		163	20		4
local			438,304	770,622	140,028	2,73	634,194	884,227	14,297		340	2	43
Lombardi Coal Co.													
William A. Strip	S	Luzerne	460	248	1,619		2,327 aa	800	20	85	4	1	(1
M Coal Co.													
Maltby Colliery	DM	Luzerne	•	1	476	1	476 1	315	20	61	4	•	•
Macarelli Coal Co.													
Butler Colliery	DM	Luzerne	310	180	776	•	1,467 bb	7,000	200	240	S	1	1
Oliver Coal Co.													
No. 14 Drifts	DM	Luzerne	814	615	2,801	1	4,230 cc	4,450	1	244	9	1	١
Pastusic Bros.													
White Ash Slope BP	DW	Sullivan	,		75	•	75 dd	1	1	•	•	1	•
Popple Coal Sales, Raymond													
Avoca Bank	þķ	Luzerne		ı	28,832	•	28,832	•	•	112	2	1	1
Butler Bank	þ	Luzerne	•	1	3,797	•	3,797	•	1	15	2	١	1
No. 9 Bank	þķ	Luzerne		ı	30,238		30,238	1	1	151	2	1	1
Seneca Bank	þķ	Luzerne		ı	3,428	•	3,428	•	•	22	2	1	•
Wyoming Bank	þķ	Luzerne		-	7,293	-	7,293		1	27	2	1	1
Total				8	73,588		73,588 ee	1	1		10		
Reilly Contracting Co.													
Stanton Bank	þķ	Luzerne	3,060	2,240	10,174	1	15,474 ff	1	1	131	S	1	1
Scranton Excavating Co.													
William A. Strip	S	Lackawanna	6,850	2,615	8,219	180	17,864 99	1	1	199	1	1	1
Sullivan Trail Coal Co.													
Susquehanna Coal Co.		Luzerne					ı		•	249	141	ı	4
Managia Strins	v.	luz arna	30.036	31 221	11 014		82 161 bh	080 900		000	90		c
)	2	03040	77670	-12611	1	101670		1	677	100	•	2

Pounds

				Product	District 11 Production - net tons	tons		Pounds					
					Sold	Used at		permis-					Non-
			By By	By :	to local	for steam	Total :	sible ex-	dynamite	Davs	Emp1-	Fatal Empl- acci-	fatal acci-
Operators and Collieries		County	: railroad	truck:	trade	and heat	production:	nsed	nsed	worked	oyes	dents	dents
Talamelli Coal Co. Westmoreland Colliery	DM	Luzerne	9,460	866,9	26,658	310	43,426 11	59,975	750	288	94	1	5
V-R Coal Corp. South Wilkes-Barre Colliery	DM	Luzerne	20,140	5,210	16,585	180	42,115 jj	54,725	200	216	65	1	υ
W. W. Coal Sales W. W. Coal Sales Washery	*	Luzerne	١	1	1	1	- K	1	١	111	7	1	1
Wyoming Co. No. 14 Silt Bank	þķ	Luzerne	7,200	1,520	4,902	1	13,622 ff	•	1	184	9	1	1
Z. O. M. Construction Co. Halstead Bank	ğ	Luzerne	1,918	089	1,429	,	4,027 ff	-	-	72	9	1	•
District Total			785,017	368,639	525,911	114,523	1,794,090	4,172,171	58,142	219	219 1,259	7	92
DM - Deep Mined	S	S - Stripping	bk - Bank		m	B - Breaker	BP	BP - Breaker Preparation Only	reparation C	hly		W - Washery	shery
NOTE: (a) All coal prepared at Bliss Breaker (b) All coal prepared the Lores Breaker (c) 16,543 tons prepared at Lores Breaker 25,561 tons prepared at Lores Breaker (d) 95 tons prepared at W. W. Coal Sale 654 tons prepared at Morgan Breaker - 1 (7,595 tons prepared at Morgan Breaker - 1 (1) 7,595 tons prepared at Morgan Breaker - 1 (2) 7,595 tons prepared at Lores Breaker - 1 (3) 7,434 tons prepared at Lores Breaker - 1 (4) 7,434 tons prepared at Lores Breaker - 1 (5) 7,434 tons prepared at Lores Breaker - 1 (5) 7,11 tons prepared at Lores Breaker - 1 (7) 7,434 tons prepared at Lores Breaker - 1 (7) 7,434 tons prepared at Lores Breaker - 1 (7) 7,434 tons prepared at Lores Breaker - 1 (7) 7,11 coal prepared at Lores Breaker - 1 (1) All coal prepared at Booth Breaker - 1 (2) All coal used at Morgan Breaker - 2 (1) All coal used at Morgan Breaker - 1 (1) All coal used at Morgan Breaker - 1 (1) All coal used at Morgan Breaker - 1	red at E at D	All coal prepared at Bliss Breaker All coal prepared at Blyte Breaker B,543 tons prepared at Lores Breaker B,545 tons prepared at Lores Breaker B,555 tons prepared at Bondand Breaker - District 1 B,556 tons prepared at Bondand Breaker - District 2 All coal prepared at Bondand Breaker - District 2 All coal prepared at Morgan Breaker - District 2 All coal prepared at Lores Breaker - District 2 All coal prepared at Lores Breaker - District 2 B,575 tons prepared at Lores Breaker - District 2 All coal prepared at Lores Breaker - District 2 B,573 tons prepared at Lores Breaker B,573 tons prepared at Bondand Breaker All coal prepared at Bondand Breaker B,574 tons prepared at Morgan Breaker - District 2 All coal used at Nanticoke Power Plant	Washery strict 1 strict 2 listrict 2 District 2 District 2		(ii) (c) (d) (b) (f) (e) (f) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	784 tons prepar 2,876 tons pre 2,876 tons pre 2,876 tons pre 2,938 tons pre 113,132 tons pre 113,132 tons pre 113,132 tons pre 113,132 tons pre 11,698 tons pre 11,792 tons pre 23,106 tons pre 23,000 tons pre 23,000 tons pre 23,000 tons pre 20,000 tons pre 23,000 tons pre 25,000 tons pr	784 tons prepared at Muber Breaker – District 13 7,972 tons prepared at Loree Breaker 2,976 tons prepared at Loree Breaker 2,938 tons prepared at Marvine Breaker 2,938 tons prepared at Mongy Breaker – District 1 13,313 tons prepared at Huber Breaker – District 1 13,313 tons prepared at Huber Breaker – District 2 13,313 tons prepared at Loree Breaker 2,285 tons prepared at Loree Breaker – District 2 1,208 tons prepared at Loree Breaker – District 2 1,209 tons prepared at Marvine Breaker – District 2 1,100 tons prepared at Marvine Breaker – District 1 1,100 tons prepared at Loree Breaker – District 1 2,201 tons prepared at Loree Breaker – District 1 2,201 tons prepared at Loree Breaker – District 1 2,201 tons prepared at Loree Breaker – District 1 2,201 tons prepared at Loree Breaker – District 1 2,201 tons prepared at Loree Breaker – District 2 2,201 tons prepared at Loree Breaker – District 2 2,500 tons prepared at Loree Breaker – District 2 2,500 tons prepared at Loree Breaker – District 2 2,500 tons prepared at Loree Breaker – District 2 2,500 tons prepared at Loree Breaker – District 2 2,500 tons prepared at Loree Breaker – District 2 2,500 tons prepared at Loree Breaker – District 2 2,500 tons prepared at Loree Breaker – District 2 2,500 tons prepared at Loree Breaker – District 2 2,500 tons prepared at Loree Breaker – District 2 2,500 tons prepared at Loree Breaker – District 2 2,500 tons prepared at Loree Breaker – District 2 2,500 tons prepared at Loree Breaker – District 2 2,500 tons prepared at Loree Breaker – District 2 2,500 tons prepared at Loree Breaker – District 2	The Breaker - I breaker - I breaker vine Breaker blor Breaker blor Breaker ee Breaker ee Breaker of Breaker 30, 1962 for 3	- District 13 - District	ict 13 strict 2 lion discontinued November 1962 itrict 13 strict 2 strict 2 strict 2 Mining operations discontinued strict 13 strict 1 ct 1 strict 2	ons di	ember 1 scontin	796 eq

				Dist	District II								
				Production - net tons	on - net	tons		Pounds					
					Sold	Used at	-	permis-					Non-
			: Shipped to market :	market:	to	colliery	**	sible ex-	Pounds		_	Fatal	fatal
			1 By	By :	local	for steam	Total :	plosives	dynamite	Days	Empl- acci-		acci-
Operators a	Operators and Collieries	County	: railroad	truck:	trade		and heat production: used	nsed	nsed	worked oyes dents dents	oyes	dents	dents
NOTE: (U)	NOTE: (u) 77,694 tons prepared at Loree Breaker	at Loree Breaker			(pp)	Mine did not	Mine did not operate during 1962. Stock coal prepared at	ng 1962. St	ock coal pr	epared at			
	7.946 tons prepared at Marvine Breaker - District 2	t Marvine Breaker	- District 2			Pastusic Breaker	aker						
^	S	foping did not ope	erate during 1962.		(ee)	Bank coal so	Bank coal sold "as is" to local power plants	local power	plants				
	979 tons prepared at Morgan Breaker - District 2	Morgan Breaker - D	District 2		(ff)	All coal pre	All coal prepared at Bellevue Washery - District 3	evue Washery	- District	3			
	82 tons prepared at Dicksville Breaker	icksville Breaker			(66)	12,890 tons	12,890 tons prepared at Bolands Breaker - District	olands Break	er - Distri	ct 1			
	271 tons prepared at Bolands Breaker - District	Bolands Breaker -	District 1			4,974 tons p	4,974 tons prepared at Bel Air Breaker	l Air Breake	4				
	3,447 tons prepared at Pompey Breaker - District 1	t Pompey Breaker -	District 1		(hh)	69,445 tons	69,445 tons prepared at Glen Lyon Breaker - District 14	len Lyon Bre	aker - Dist	rict 14			
(X)		at Bolands Breaker	r - District 1			12,716 tons	12,716 tons prepared at Bel Air Breaker	el Air Break	er				
	7,759 tons prepared at Morgan Breaker - District 2	t Morgan Breaker -	- District 2		(11)	29,313 tons	29,313 tons prepared at Pompey Breaker - District 1	ompey Breake	r - Distric	t 1			
	13,708 tons prepared at Pompey Breaker - District	at Pompey Breaker	- District 1			12,217 tons	12,217 tons prepared at Northwest Breaker - District	orthwest Bre	aker - Dist	rict 1			
×	All coal prepared at Dorrance Breaker	Dorrance Breaker				1,886 tons p	1,886 tons prepared at Dicksville Breaker	cksville Bre	aker				
(×)	396,150 tons prepared at Harry E. Breaker	at Harry E. Break	ter		(33)	13,273 tons	13,273 tons prepared at Loree Breaker	oree Breaker					
	38,395 tons prepared at Dorrance Breaker	at Dorrance Breake	3r			16,751 tons	16,751 tons prepared at Marvine Breaker - District 2	arvine Break	er - Distri	ct 2			
(z)	All coal prepared at Loomis Breaker	Loomis Breaker				6,732 tons p	6,732 tons prepared at Pompey Breaker - District 1	mpey Breaker	- District	7			
(88)	1,214 tons prepared at Bolands Breaker - District	it Bolands Breaker	- District 1			4,170 tons p	4,170 tons prepared at Taylor Breaker - District 2	ylor Breaker	- District	2			
	1,113 tons prepared at Bel Air Breaker	it Bel Air Breaker				1,189 tons p	1,189 tons prepared at Huber Breaker - District 13	ber Breaker	- District	13			
(qq)	308 tons prepared at Morgan Breaker - District 2	Morgan Breaker - D	District 2		(kk)	Fine coal br	Fine coal breaker preparation only. Operation discontinued	tion only.	Operation d	iscontinue	p		
	1,159 tons prepared at Bel Air Breaker	t Bel Air Breaker				August 30, 1962.	962.						
(00)	533 tons prepared at Dicksville Breaker	Dicksville Breaker											
	3,090 tons prepared at Morgan Breaker - District 2	t Morgan Breaker -	- District 2										
	596 tons prepared at Bel Air Breaker	Bel Air Breaker											
	11 tons prepared at Bolands Breaker - District 1	iolands Breaker - D	District 1										

	1	7	131	36	1	82	-	250	1
	- 1	- 1	2	1	1	2	1	4	1
	7	24	748	148	00	200	16	1,144	ın
	131	239	240	240	267	240	225		24
	,	ı	ı	1	1	8,450	129,980	138,430	1
	,	21,000	573,125	88,775	10,100	133,400	1	826,400	'
	33,520 #	67,323 b	617,599 c	143,714 d	7,239 e	344,865 f	91,329 q	1,272,069	2,711 h
	1	342	369	117	S	1,918	489	3,240	1
istrict 13	,	20,893	100,044	24,602	1,169	111,448	31,056	289,212	492
Dis	33,520	10,354	108,439	24,906	1,272	54,746	13,107	212,824	402
	1	35,734	408,747	94,089	4,793	176,753	46,677	766,793	1,540
	Je U	De	ne	ne	ne	ne	ne		ne
	Luzern	Luzer	Luzerne	Luzeri	Luzeri	Luzeri	Luzeri		Luzerne
	ne bk	S	DM	DM	S	DM	s		S
	o., Ge		В					Total	
	Bartoli Construction Co., Gene Warrior Run Bank	Glen Alden Corp. Buttonwood Strip	Huber Colliery	Sugar Notch Colliery	Sugar Notch Strip	Truesdale Colliery	Truesdale Strip	-	R. A. Corp. Buttonwood Strip

				Product	Production - net tons	*		Dounde					
Operators and Collieries		County	Shipped to market By By Extra	o market : By :	Sold to local trade	Used at colliery for steam	Total :		Pounds dynamite	Days		Fatal fatal Empl- acci- acci-	Non- fatal acci-
San Mining Co., Inc. Buttonwood Colliery	DM	Luzerne	22,936	9,321	7,804	100	40,161 1		1	174	1		4
United Gas improvement Co. Huber Bank	ğ	Luzerne	-	85,990			85,990 a			117	٥	1	'
District Total			791,269	342,057	297,785	3,340	3,340 1,434,451	879,325	138,430	236	236 1,198	4	254
DM - Deep Mined	S	S - Stripping	bk - Bank		ı m	B - Breaker	BP -	BP - Breaker Preparation Only	paration Onl	>		W - Washery	hery
NOTE: (a) All coal shipped unprepared to power ploy92 ton pepaged at Huber Ensaler alg.092 tons pepaged at Marrine Breaker alg.095 tons prepared at Marrine Breaker (c) 237 tons prepared at Pompey Breaker (d) 51,922 tons prepared at Huber Breaker (d) 165,922 tons prepared at Loree Breaker (d) 136,094 tons prepared at Luree Breaker (e) All coal prepared at Luree Breaker (f) 26,922 tons prepared at Pompey Breaker (f) 26,922 tons prepared at Bre	unprepared at the population of the population o	All coal shipped unprepared to power plants. 46,095 tons prepared at those Beseker – District 11 60,095 tons prepared at Maryina Breseker – District 2 237 tons prepared at Maryina Breseker – District 2 237 tons prepared at Maryina Breseker – District 2 237 tons prepared at Maryina Breseker – District 1 1677 tons prepared at Loree Breseker – District 11 1677 tons prepared at Loree Breseker – District 11 26,922 tons prepared at Huber Breseker – District 11 26,922 tons prepared at Huber Breseker – District 11 26,202 tons prepared at Huber Breseker – District 11 26,202 tons prepared at Huber Breseker – District 11 26,202 tons prepared at Huber Breseker – District 11 26,202 tons prepared at Huber Breseker – District 11 8,881 tons prepared at Maryine Breseker – District 12	istrict 11 District 12 Critict 1 Satrict 11 Satrict 11 District 11 District 11		6 £ £		81,887 tons prepared at Loree Breaker - District 11 32,32 tons prepared at Martine Breaker - District 2 1,099 tons prepared at Martine Breaker - District 1 1,040 tons prepared at Loree Breaker - District 11 8,437 tons prepared at Loree Breaker - District 11 20,50 tons prepared at Martine Breaker - District 11 14,999 tons prepared at Northwest Breaker - District 2 11,780 tons prepared at Northwest Breaker - District 1 11,780 tons prepared at Northwest Breaker - District 1	Loree Break Mrvine Breal Pompey Breaker. Loree Breaker Marvine Breal Taylor Breal Northwest B	er - Distric ker - Distric District - District r - District ker - District ker - District ker - District reaker - District	ct 11 ct 2 t 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
Glen Alden Corn.				pig	District 14								
Wanamie Colliery	DW	DM Luzerne DM Luzerne	489,287	129,817 119,451 10,262 9,448	119,451 9,448	441	738,996 a 58,420 b	609,390	28,700	233	804	N 1	142

an Alden Corp.				2	49 17 17 17								
Wanamie Colliery	DM	Luzerne	489,287	129,817	119,451	441	738,996 a	060,609	28,700	233	804	2	142
Wanamie Slopes	DW	Luzerne	38,677	10,262	9,448	33	58,420 b	78,650	•	233	41	ı	-
Manamie Strips	s	Luzerne	74,324	19,941	27,718	285	122,268 c	402,600	•	233	54	,	1
Total			602,288	160,020	156,617	759	919,684	1,090,640	28,700		899	2	143
usquehanna Coal Co.													
Slen Nan Coal Co.	DM	Luzerne	175,812	140,649	53,668	ı	370,129 d	626,975	•	215	281	7	49
Grant Anthracite	Ø	Luzerne				t				192	115		-
Total			175,812	140,649	53,668		370,129	626,975			396	-	20
			1										ı
District lotal			778,100	300,669	210,285	159	1,289,813	1,717,615	28,700	225	225 1,295	က	193

Production				Dist	rict 14								
Shided to market 1 Sold Used at 1 permits 1 permits 1 1 1 1 1 1 1 1 1				Production	on - net	tons		Pounds					
Shipped to market to colliery sible ex- Pounds					Sold	Used at	-	permis-					Non-
i By By : local for steam Total : plosives dynamite i radioa dynamic and trucki : rade and heat production; used bk - Bank B - Breaker B - Breaker Preparation Only			s Shipped to	market :	to	colliery	•	sible ex-	Pounds			Fatal	fatal
i railroad truck; trade and heat production; used used b = Breaker B - Breaker BP - Breaker Preparation Only			1 By	By s	local	for steam	Total :	plosives	dynamite		Emp1-	acci-	acci-
bk - Bank	Operators and Collieries	County	railroad	truck:	trade	and heat	productions	nsed	nsed		oyes	dents	dents
	DM - Deep Mined	S - Stripping	bk - Bank	B =	Breaker		BP -	Breaker Prep	paration Onl	٨		A - W	lashery

738,398 tons prepared at Huber Breaker 285 tons prepared at Lores Breaker - District 11 58,345 tons prepared at Huber Breaker 75 tons prepared at Loree Breaker - District 11 (e) (P) NOTE

(°

777,439 tons propered at these Esseles.
141,566 tons propered at Loree Breaker. District 11
3,461 tons propered at Marvine Breaker. - District 2
23,214 tons propered at Gins Hyon Breaker.
96,915 tons propered at Bel Alx Preeker. - District 11
96,915 tons propered at Bel Alx Preeker. (P)

District 15

	- 92 16	44,975 - 201 51	1 2 44 010	0 63		- 30,800 68 - 1			155 14			7,000 1,000 271 6		10,000 - 195 11 1		- 169,345 175 30	- 169,345 53 - 1		- 290 3	- 101 5	102,100 80		
	5,314 a	39,667 b		6,982	9,365	16,347 c		126,704	1	126,704 d		7,307 e		9,404 f	,	14,455	14,455 e		ı	14,206 g	27,004 9		
	,	39		38	47	82		ı		-		ı		42	ı	-	-		ı	16	34	409	
***	269	1,886		288	446	734		220	-	570		2,775		1,238	1	4,914	4,914		ı	828	1,610	21,784	
	2,851	16,234	1	3,341	4,425	7,766		13,950		13,950		1		5,708	1	1	1		1	5,908	11,220	149,779	
	1,894	21,508		3,315	4,447	7,762		112,184	1	112,184		4,532		2,416	1	9,541	9,541			7,424	14,140	188,129	
	Carbon	Schuylkill	Turanta	Luzerne	Schuylkill			Luzerne	Luzerne			Luzerne		Luzerne	Luzerne	Luzerne			Luzerne	Schuylkill	Carbon	Schuylkill	
	ď	DM	g	g v	s			ğ	æ			DM		DW	Ø	S			ВР	þķ	S	S	
	Admiral Coal Co., The Admiral Bank	udenried Mines, Inc. No. 11 Slope	Beaver Brook Coal Co., Inc.	Beaver brook breaker	Oneida Strip	Total	Cunningham Coal Co.	Lion Bank	Lion Breaker	Total	Fern Glen Mining Co.	No. 13 Slope	Gatti Engineering Co., Inc.	Olegna Slope	Gowen Breaker	Gowen Strip	Total	Greybosh Coal Co.	Greybosh Breaker	Audenried Bank	Audenried Strip	Audenried Strip	

1 1

			Product	District 15 Production - net tons	tons		Pounds					
				Sold	Used at		permis-					Non-
		s Shipped to market	market :	to,	colliery		sible ex-	Pounds				fatal
Orerators and Collienies	County	: By	by:	trade	and heat	nroduction:	plosives	dynamite	Days	Empl-	Empl- acci-	acci-
Honeybrook Mines, Inc. (Cont.)											1	Called
Humboldt Strip	S Luzerne	7,501	ı	3,863	,	11,364 e	ŧ	1	23	33	,	,
No. 15 Slope	DM Schuylkill	3,609	3,911	1,012	29	8,561 q h	1	4,550	143	7	,	,
Total		220,803	170,818	29,127	488	421,236	1,650,700	706,650		263	,	6
	bk Luzerne	7,707	7,584	841	102	16,234	ı	ı	135	ω	,	,
	bk Luzerne	7,599	7,511	802	95	16,007	-	-	117	12	1	ı
Todde utchland Cool Co		15,306	15,095	1,643	197	32,241 c	-	1		20	,	1
Orifton Strip	STurerne	396	Oak	901		1 000 1						
F1100 C+110	S Interne	202 203	30 300	12 660	200	1 40061			000	, ,	,	,
Highland Strip	S Interne	101617	52,320	22,000	030	127 576 4	ı	14,901	272	33	ŧ	-
Highland No. 5 Fine Coal Dlant R luzerne	t R luzarna	200	201600	00000	100	0006177	1	040000	100	3 6	ı	1 (
Highland No. 5 Banks	bk Inzerne	191.292	130	1	310	101 734 1			222	4 6	ı	7
Jeddo No. 7 Breaker		1/161/1			2 1	4 1018101	1 1		180	8 6		١ ٦
Jeddo No. 7 Strip		25,070	32,794	12.846	486	71.196 4	1 1	12.540	114	4 2		t c
Stockton Strip	S Luzerne	40,403	52,853	20,704	744	114.704 1		436 156	253	9 9		
Total		326,736	177,312	69,404	2,908	576,360		1.812.644		300		13
Lee, Joseph												1
90	DM Luzerne	583	1,488	565	8	2,372 1 m	1,400	ı	54	9	,	1
	DM Luzerne		1	ı		1	1	ı	09	00	,	,
Lehigh Valley Anthracite, Inc.												
Hazleton Shaft Breaker	B Luzerne		ı	ı	ı	,		1	140	8	7	•
Mineralls Recovery Corp.	bk Inzarna	2.886	817	5 420	ı	0 103			101	ď		
Mineralis Breaker		2006	i i	2		2167			181			
Total		2,886	817	5.420		9.123 0				22		1
Perchak Trucking Co.												1
	bk Carbon		11,330	ı	ı	11,330 p	1	1	36	9	ı	,
Pollock Trucking Co., Ken												
Lehigh Valley Bank Racho, George	bk Luzerne		28,963	ı	ı	28,963 q p	ı		61	12	ı	ı
Harwood Bank	bk Luzerne	284,526	115,381		ı	399,907 p	,	,	237	15	ı	ı
Stockton Bank	bk Luzerne	3,072	7,872	35	56	11,005 r	-	1	113	12	,	,
Poding Tangking Co poten		287,598	123,253	32	26	410,912		,		27	1	1
Sheppton Strip	S Schuylkill	٠	8,220	,		8,220 s t	,	14,700	118	12	,	1

Used at 1 permis- 1 perm					Product	Production - net tons	tons	-	Pounds					
Shigheed to market; to colliery plostves dynamite Day local for steam plostves dynamite Day local for steam plostves dynamite Day local for steam plostves dynamite Day local Day Luzerne Lizerne					••	Sold	Used at	••	permis-					Non-
County Egy Egy I local for steam Total plosives dynamite Data			**	Shipped to	market :	to	colliery		sible ex-	Pounds			Fatal	fatal
County			'	By	By :	local	for steam	Total :	plosives	dynamite	Days	Empl-	Empl- acci-	acci-
B Lizerne - 6,34 3,600 - 9,941 - - - - - - - - -	Operators and Collieries		County	railroad	truck:	trade	and heat	production:	nsed	nsed	worked	oves	dents	dents
Strip B Luzerne	Sandy Run Miners & Producers,	Inc.												
Continue	Upper Lehigh Breaker	_	uzerne	1	1	1	1	1	1	1	69	18	1	1
Co. DM Luterne Co. 1,732 Co. 1,732 Co.	Upper Lehigh Strip		uzerne	-	6,341	3,600	-	9,941		-	116	7	1	1
Co. DM Luzerne Co. 1,732 - 1,732 - 1,732 - 1,732 - 1,732	Total				6,341	3,600		9,941 u		-		25	2	1
Strip Stri	Stockton Mining Co.		uzerne		1.732	1	1	1.732 v		000*9	114	9	1	'
Strip Stri	Sullivan Trail Coal Co.													
Strip Stri	Beaver Meadow Strip	_	arbon	15,000	27,080	8,597	300	50,977	1	613,402	323	8	1	9
10 10 10 10 10 10 10 10	Harwood Strip		uzerne	85,891	129,294	25,811	1,943	242,939	1	876,004	293	20	8	7
Total To	Spring Mountain Strip		uzerne	36,869	51,000	066.9	874	95,733		443,646	219	31	8	4
Exercit Total S = Stripping S = Stripping S = Stripping S = Stripping Exercit Total S = Stripping S = Stripping S = Stripping Exercit Total S = Stripping Exercit Total Exerci	Total			137,760	207,374	41,398	3,117	389,649 a	1	1,933,052		181	1	17
trict Total S - Stripping bk - Bank B - Breaker Call prepared at Halleton Shaft Breaker Call prepared at Halleton Shaft Breaker M 1,647 tons prepared at John No. 7 Breaker Call prepared at London No. 7 Breake	Tedesco Bros. Coal Co.													
Exert Total S - Stripping B - Breaker Call prepared at Haleton Shaft Breaker Call prepared at Honorboxok Breaker (b) All call hipped unprepared to market (call prepared at Honorboxok Breaker (call prepared at Honorboxok Breaker (b) All call hipped unprepared to market (call prepared at Jeddo No. 7 Breaker (call prepared at Honorboxok Breaker (d) Cased operations during July 1962. (executed to the All Call Prepared at Honorboxok Breaker (a) Cased operations during Spreaded Prepared at Breaker (call prepared at Honorboxok Breaker (call prepared at Honorboxok Breaker (call prepared at Honorboxok Breaker (d) Cased operations during July 1962. (executed Departed at Language Breaker (call prepared at Honorboxok Breaker (d) Cased operations during July 1962. (executed Departed at Language Breaker (executed Departed at Language Breaker (f) Cased Operations during July 1962. (h) All call prepared at Language Breaker (h) Al	Tedesco Breaker		uzerne	-	-	-	-	2		-	325	4	1	1
Coal prepared at Halseton Shaft Breaker 34 tons prepared at Honeybrook Breaker 35 tons prepared at Bones Breaker 36 tons prepared at Bones Breaker 37 tons prepared at Lone Breaker 38 tons prepared at Lone Breaker 39 tons prepared at Lone Breaker 30 tons prepared at Lone Breaker 30 tons prepared at Lone Breaker 30 tons prepared at Indeason Breaker 30 tons prepared at Indeason Breaker 30 tons prepared at Indeason Breaker 38 tons prepared at Indeason Breaker 39 tons prepared at Indeason Breaker 30 tons prepared at Indeason Breaker 30 tons prepared at Indeason Breaker 30 tons prepared at Honeybrook Breaker 30 tons prepared at Honeybrook Breaker 30 tons prepared at Honeybrook Breaker 30 tons prepared at Highland No. 7 Breaker 30 tons prepared at Highland No. 2 Fine Coal Plant 30 tons breaker 30	District Total			1,151,509	799,252	163,612	6,904	2,121,277	1,714,075	4,674,191	193	193 1,214	2	43
(a) All coal prepared at Hazleton Shaft Breaker (b) 37,963 tons prepared at Heaver Brook Breaker 1,704 chons prepared at Beaver Brook Breaker (c) All coal prepared at Beaver Brook Breaker (d) All coal prepared at Genero Breaker (e) All coal prepared at Lion Breaker (f) (e) All coal prepared at Lion Breaker (f) (f) 6,866 tons prepared at Jedo No. 7 Breaker (g) All coal prepared at Jedo No. 7 Breaker (h) Comeson Sprayed at Jedo No. 7 Breaker (h) Comeson Sprayed at Honeybrook Breaker (h) Comeson Sprayed at Honeybrook Breaker (h) Comeson Jrepared at Honeybrook Breaker (h) All coal prepared at Honeybrook Breaker (j) All coal prepared at Honeybrook Breaker (k) All coal prepared at Honeybrook Breaker (k) All coal prepared at Highland No. 5 Eine Coal Plant (v) (l) Ceased operations during June 1962.	DM - Deep Mined	1 0	stripping	bk - Bank		B - Breake	9.5	BP -	Breaker Prep	aration Only			W - Washery	shery
e40/4 0:00 fireson occasionante occasion	38 3335 33333 38 33 33 33 33 33 33 33 33 33 33 33 33 3	at Hazzed at E ed at E ed at E ed at Dec at Dec at Dec at I down a	Lieton Shaff Breaker Hewaker Webybrook Breaker Brook Breaker Brook Breaker Brook Breaker Brook Breaker Greaker Breaker Jose Breaker Br	istrict 26 al Plant			4,647 tons is expensively to a preservent of a transfer of the	pared at Je pared at Upper of recondition pared at Mina plped unpreparations during tions during hitped unprepared at Be repared at Be repared at Upper pared at Upper pare	ddo No. 7 Br T. Lehigh Bre- infog mine onl. Infog mine onl. May 1962. ared to market aver Brook B aver Brook B siner Breake high Park Br Siner Breake In 1962. T. Lehigh Bre- er Brook Bre- er Brook Bre- book Braket.	aker aker y - no produ reaker reaker r - District aker	uction. Erict 26			

				Product	Production - net tone	* acc+		Pounds					
					Sold	Used at		permis-					Non-
			s Shipped to market	o market :	to	colliery		sible ex-	Pounds			Fatal	fatal
			s By	By 1	local	for steam	Total :	plosives	dynamite	Days	Empl-	Empl- acci-	acc1-
Operators and Collieries		County	: railroad	truck:	trade	and heat	production:	nsed	nsed	worked	oves	oyes dents	dents
A. & J. Coal Co.											:		
Middle Split Slope	DW	Schuylkill	3,722	3,953	440	97	8, 235 a	18,500	ı	583	10	ı	ı
No. 2 Vein Slope	DW	Schuylkill	5,980	1,374	4,296	98	11,736 b	3,420	•	280	sO.	ı	
B. & M. Coal Co.													
B. & M. Tunnel	DW	Schuylkill	6,042	1,595	12,321	193	20,151 c	15,000	ı	250	10	ı	•
Bixler, Clayton M.	g	Schurt 1411		1				1		160	c		
Bixler Coal Co., Herman		School)	,	,	,	,	,	2	7	•	•
Middle Split Slope	DM	Schuylk111	5,855	16,222	702	203	22,982 d	8,000	•	235	10	٠	•
To Salt Slore	ž	Cohunttil	100 01	20 017	46 270	507	104 0	25.000		330	76		
C. K. S. Coal Co.		Schuyikili	102,201	32,017	40,519	100	919104 B	42,000	•	2/8	e S	ı	n
No. 2 Vein Slope	DM	Schuylk111	92849	14,206	926	31	22,049 f	10,000	1	288	7	1	,
Clark Coal Co.													
Skidmore Slope	DW	Schuylk111	13,237	14,120	1,765	294	29,416 a	14,650		310	17		ო
No. 2 Middle Split Slope	DW	Schuvlkill	•	8.885		22	8.912 h	12,500	1	28.4	1		
Erdnan Coal Co.						i		2006-4					
Middle Split Slope	DW	Schuylkill	7,688	15,770	10,606	23	34,117 9	16,150	1	305	15	•	e
G. & M. Coal Co.													
Buck Mountain Slope	DM	Schuylk111	643	10,611	23	84	11,361 1	1,570		283	9	1	,
H. & G. Coal Co.													
Mammoth Slope	DW	Schuylkill	06	4,054	12	14	4,170 1	3,500	ı	200	_ا	ı	,
H. & W. Coal Co.													
Four Foot Slope	D.W	Schuylkill	215	229	&	ທ	478 a	250	ı	86	ഹ	ı	ı
Buck Mountain Slope	DW	Schuvlkill	420	7.697		69	R.188 4	10.400	•	280			
Herb Coal Co.			ì			1	-				•		
Four Foot Slope	DM	Schuylk111	41	2,170		10	2,221 k	3,450	•	88	9	0	
Herring Coal Co.													
Primrose Slope	DW	Schuylk111	315	1,354	10		1,679 ш	2,000	1	130	9	ı	ı
High Test Coal Co.													
Skidmore Slope	ğ	Schuylkill	1,396	25,055	1	203	26,654 j	10,350	•	288	17	ı	ı
J. & C. COMI CO.													
K. & K. Coal Co.	DW	Schuylkill	9,236	09866	1,266	205	20,567 n	16,250		300	12		-
Primrose Slone	MC	Schuvikiii		•					,	37	ď		
										•	•		

				Product	Production - net tons	tons		Pounds					
				-	Sold	Used at	**	permis-					Non-
			Shipped	Shipped to market : By :	local	for steam	Total	sible ex-	Pounds dynamite	Days		Empl- acci-	
Operators and Collieries		County	rallroad	TINCKI	trade	and heat	productions	Dasn	nsed	worked	1	oves dents	dents
Middle Split Slope	DW	Schuylkill	10,463	19,845	4,474	65	34,847 p	24,000	8	762	50	1	-
Kocher Breaker	ВР	Schuylkill		٠	1	1	1	•	1	280	36	1	1
Suck Mountain Slope	DM	Schuylkill	4,706	6,937	288	140	15,371 0	18,500	1	253	00	1	4
No. 2 Vein Slope	DM	Schuylkill	17,160	12,183	101	9	29,450 q	12,000	1	250	12	1	'
Primrose Slope	DM	Schuylk111	632	675	84	14	1,405 a	1,600	1	70	ıΩ	1	'
Legal Breaker	Вр	Schuylkill	•		1	•	٠	•	1	290	18	1	1
No. 2 Middle Split Slope	DM	Schuylkill	9,160	16,152	2,199	159	27,670 r	16,000	•	233	15	1	1
Skidmore Slope	DM	Schuylkill	5,949	6,345	793	132	13,219 a	7,800	•	304	11	1	-
Skidmore Slope	DM	Schuylkill	12,368	13,193	1,649	275	27,485 a	22,050	1	291	Ξ	1	1
Middle Split Slope	DM	Schuylkill	184	2,453	34	14	2,685 t	2,000	1	114	9	1	'
No. 1 Slope	MO	Schuylkill	3.850	3,444	1,375	8 21	5,720	3,000	1	142	6	1	0
Total			4,743		5,228	12	24,922 s	11,750		723	20		2
Mammoth Slope R. A. J. Coal Co.	DM	Schuylki11	3,167	943	1,104	1	5,214 u	4,700	1	252	24	1	NO.
No. 2 Vein Slope	DM	Schuylkill	96966	8,229	115	1	18,000 w	6,500	1	316	=	1	1
Skidmore Slope	DM	Schuylkill	5,513	32,205	ı	282	38,000 v	28,000	1	250	14	1	2
Skidmore Slope	DW	Schuylkill	16,347	17,437	2,180	363	36,327 a	18,200	1	304	13	1	2
Middle Split Slope Shade Coal Co.	DM	Schuylkill	2,999	4,203	9,238	111	16,551 z	7,500	1	386	6	1	1
No. 2 Vein Slope Shuev Coal Co.	DM	Schuylkill	2,239	889	7,624	101	10,652 x	2,600	1	280	9	1	'
Primrose Slope Stahl & Shade Coal Co.	DM	Schuylkill	3,773	11,733	442	140	16,088 aa	8,500	1	275	00	1	2
No o Vato Clone													

	Non- fatal	dents	1	•	ო	1	36	W - Washery	
	Fatal	dents	1	1	1	1	0	W - Wa	
	Fatal Fmol- 2001	oves dents	10	7	18	9	484		
	97.6		307	250	322	310	566		1 1 30 1 1 1 1 30 1 1 1 1 30 1 1 1 1 30 1 1 1 1
	Pounds	used	,	1	1	1		tion Only	- District or - District or - District District 2 District 2 District 2 District 2 Fr - District Tr - District Tr - District Fr
Pounds	permis- sible ex-	used	1	3,000	7,095	2,000	402,335	BP - Breaker Preparation Only	1 Breaker Preaker Preaker Preaker Creek Break Breaker Breaker Breaker Breaker Breaker Breaker Breaker Breaker W. W. Ramp V. V. Ramp V. V. Ramp M. V. Ramp Gen Breaker Gen Breaker Gen Breaker A. V. Ramp M. V. Ramp Gen Breaker Breaker Breaker Gen Breaker Gen Breaker Breaker Breaker Gen Breaker Gen Breaker Gen Breaker Breaker V. V. Ramp Gen Breaker Breaker Breaker Breaker Breaker Breaker V. V. Ramp Gen Breaker Brea
ju.				10,396 bb	5,893 cc	11,443 dd	48	- Brea	Phine Cr at Lega M Deaved Legal B Legal B Legal B T Phine Kocher Koche Kocher Kocher Kocher Kocher Kocher Kocher Kocher Kocher Kocher K
	To+oT	production:	•	10,3	5,8	11.4	691,548	ВР	rece at treed at treed at treed at treed at treed at phaned a phaned at treed at tre
tons	Used at colliery	and heat	1	1	1	4	3,904	iker	All coal prepared at Pine Creek Breaker - District 30 of 10,98 tons prepared at Legal Breaker all 2030 tons prepared at Legal Breaker - District 30 of 2000 tons prepared at Monta Breaker - District 30 of 1944 tons prepared at Koher Breaker - District 30 of 1944 tons prepared at Monta Breaker - District 30 of 1950 tons prepared at Monta Breaker - District 25 of 2037 tons prepared at Monta Breaker - District 25 of 2037 tons prepared at Monta Breaker - District 25 of 2037 tons prepared at Monta Breaker - District 25 of 2037 tons prepared at Standards Breaker - District 25 of 2037 tons prepared at Standards Breaker - District 25 of 2037 tons prepared at Standards Breaker - District 30 of 1732 tons prepared at Standards Breaker - District 30 of 1732 tons prepared at Monta Breaker - District 30 of 1732 tons prepared at Monta Gon Breaker - District 30 of 1732 tons prepared at Monta Gon Breaker - District 25 of 1730 tons prepared at Monta Breaker - District 25 of 1730 tons prepared at Monta Breaker - District 30 of 1730 tons prepared at Monta Breaker - District 30 of 15,833 tons prepared at Monta Breaker - District 30 of 15,833 tons prepared at Monta Breaker - District 30 of 15,833 tons prepared at Monta Breaker - District 30 of 15,832 tons prepared at Monta Breaker - District 30 of 15,833 tons prepared at Monta Breaker - District 30 of 15,833 tons prepared at Monta Breaker - District 30 of 15,833 tons prepared at Monta Breaker - District 30 of 15,833 tons prepared at Monta Breaker - District 30 of 15,833 tons prepared at Monta Breaker - District 30 of 15,833 tons prepared at Monta Breaker - District 30 of 15,833 tons prepared at Monta Breaker - District 30 of 15,833 tons prepared at Monta Breaker - District 30 of 15,833 tons prepared at Monta Breaker - District 30 of 15,833 tons prepared at Monta Breaker - District 30 of 15,105 tons prepared at Monta Breaker -
District 16 Production - net tons	Sold	trade	,	208	2,816	589	118,691	B - Breaker	(a) (b) (c) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d
Distr		ck:		31		73	- 8	-	
Pro	market	truck	'	3,431	2,532	5,573	360,184		30 30
	Shipped to market	railroad	1	6,757	545	5,277	208,769	bk - Bank	District 25 strict 25 strict 25 r - District 30 strict 21 strict 21 strict 22 strict 23 strict 25
) es es (e	• ••							aker – Distraction of the control of
		County	Schuylk111	Schuylk111	Schuylk111	Schuylk111		S - Stripping	her Breaker cher Breaker beng Break her between beginnen between break greaker break greaker break cher Break
			BP S	DM S	DW	DM S		S	A STANDARY OF THE STANDARY OF
		Operators and Collieries	1 Co. reaker	Slope	0.,A.K.	Slope	District Total	peu	All coal prepared at Kocher Breaker 3,072 tons prepared at Mondacon Resear — District 25 2,055 tonn prepared at Kocher Breaker 8,446 tonn prepared at Kocher Breaker 10,558 tonn prepared at Fanga Breaker — District 25 2,655 tonn prepared at Fanga Breaker — District 25 10,558 tonn prepared at Hongla Breaker — District 25 11,259 tonn prepared at Ungal Breaker — District 30 10,103 tonn prepared at Hongla Breaker — District 30 10,103 tonn prepared at Pincher Breaker — District 30 1,560 tonn prepared at Pincher Breaker — District 30 1,501 tonn prepared at Pincher Breaker — District 25 1,501 tonn prepared at Schneck Breaker — District 25 1,501 tonn prepared at Schneck Breaker — District 25 1,501 tonn prepared at Fanklin Breaker — District 25 1,502 tonn prepared at Kocher Breaker — District 25 1,503 tonn prepared at Kocher Breaker — District 25 1,503 tonn prepared at Kocher Breaker — District 25 1,504 tonn prepared at Kocher Breaker — District 25 1,504 tonn prepared at Kocher Breaker — District 25 1,504 tonn prepared at Kocher Breaker — District 25 1,504 tonn prepared at Kocher Breaker — District 25 1,504 tonn prepared at Hillied Breaker — District 25 1,504 tonn prepared at Hillied Breaker — District 25 1,505 tonn prepared at Hillied Breaker — District 25 1,504 tonn prepared at Hillied Breaker — District 25 1,505 tonn prepared at Hillied Breaker — District 25 1,505 tonn prepared at Hillied Breaker — District 25 1,505 tonn prepared at Hillied Breaker — District 25 1,505 tonn prepared at Hillied Breaker — District 25 1,505 tonn prepared at Hillied Breaker — District 25 1,505 tonn prepared at Hillied Breaker — District 20 1,505 tonn prepared at Hillied Breaker — District 20 1,505 tonn prepared at Hillied Breaker — District 20 1,505 tonn prepared at Hillied Breaker — District 20 1,505 tonn prepared at Hillied Breaker — District 20 1,505 tonn prepared at Hillied Breaker — District 20 1,505 tonn prepared at Hillied Breaker — District 20 1,505 tonn prepared at Hillied Breaker — District 2
		Operators an	Superior Coal Co. Superior Breaker	No. 2 Vein Slope	Williamson Coal C Skidmore Slope	No. 2 Vein Slope		DM - Deep Mined	(c) (d) (e) (d) (d) (d) (d) (d) (d) (d) (e) (e) (e) (e) (e) (f) (f) (f) (f) (f) (f) (f) (f) (f) (f

				Sold	Sold Used at	-	: permis-					Non-
		: Shipped to market :	market :	to	colliery	-	: sible ex-				Fatal	fatal
		: By	By 1	local	for steam	Total	Total : plosives	dynamite		Emp1-	Days Empl- acci- acci-	acci-
erators	Operators and Collieries Count	County : railroad	truck:	trade	trade and heat	production: used	besn	used	worked oyes dents dents	oves	dents	dents
Es (s	NOTE: (s) 2,096 tons prepared at Koch Breaker - District 25	cer - District 25		(y) 1	5,811 tons p	repared at D	(y) 15,811 tons prepared at Donaldson Breaker - District 25	iker - Distri	ct 25			
	3,007 tons prepared at Deaven Breaker - District 25	eaker - District 25		9	,019 tons sh	ipped to P.	6,019 tons shipped to P. & W. V. Ramp - District 30	- District 3	0			
	7,774 tons prepared at Schneck Breaker - District 25	seaker - District 25		(z) 1	,753 tons pr	epared at Ec	,753 tons prepared at Echo Valley Breaker - District 25	aker - Distr	1ct 25			
	6,618 tons prepared at Underkoffler Breaker - District	ler Breaker - District	30	89	,065 tons pr	epared at Un	3,065 tons prepared at Underkoffler Breaker - District 30	eaker - Dist	rict 30			
	5,427 tons prepared at Kelly Breaker - District 30	iker - District 30		80	57 tons prep	ared at Mead	857 tons prepared at Meadow Brook Breaker - District 30	iker - Distri	ct 30			
£	(t) 564 tons prepared at Pine Creek Breaker - District 30	Breaker - District 30		1	,936 tons pr	epared at Su	,936 tons prepared at Superior Breaker	76				
	571 tons prepared at Deaven Breaker - District 25	ter - District 25		9	3,940 tons prepared at Kocher Breaker	epared at Ko	cher Breaker					
	1,550 tons prepared at Legal Breaker	iker		(aa) 8	(aa) 8,719 tons prepared at Legal Breaker	epared at Le	gal Breaker					
2	1) All coal prepared at Parkway Breaker - District 25	iker - District 25		7	,369 tons pr	epared at Ko	7,369 tons prepared at Kocher Breaker					
2	() 23,295 tons prepared at Legal Breaker	aker		(pp) A	11 coal prep	ared at Dona	bb) All coal prepared at Donaldson Breaker - District 25	: - District	25			
	10,400 tons prepared at Underkoffler Breaker - District 30	fler Breaker - District	30	(cc) 4	,137 tons pr	epared at St	4,137 tons prepared at Strohecker Breaker - District 30	iker - Distri	ct 30			
	4,305 tons prepared at Pine Creek Breaker - District 30	Breaker - District 30		-	,211 tons pr	epared at St	,211 tons prepared at Stone Hill Breaker - District 30	iker - Distri	ct 30			
*) 5,745 tons prepared at Donaldson Breaker - District 25	Breaker - District 25		2	45 tons prep	ared at Supe	545 tons prepared at Superior Breaker					
	12,255 tons shipped to P. & W. V. Ramp - District 30	. Ramp - District 30		(pp)	,643 tons pr	epared at Do	(dd) 5,643 tons prepared at Donaldson Breaker - District 25	cer - Distric	t 25			
Š	(x) 3,694 tons prepared at Penag Breaker - District 25	sker - District 25		-	,990 tons pr	epared at Ke	,990 tons prepared at Kelly Breaker - District 30	District 30	_			
	5,747 tons prepared at Underkoffler Breaker - District	ler Breaker - District	30	9	,330 tons sh	ipped to P.	3,330 tons shipped to P. & W. V. Ramp - District 30	- District 3	0			
	160 tons prepared at Maple Spring Breaker - District 21	Breaker - District 21		4	80 tons prep	ared at Unde	480 tons prepared at Underkoffler Breaker - District 30	iker - Distri	ct 30			
	1,051 tons prepared at Kocher Breaker	aaker		*	Formerly reported as a small mine	rted as a sm	all mine					

Pounds

		ı		ŧ	ı	1	,		ı		7		ı		ı		ŧ
		ı		ı	ı	ě	ı		1		ı		1		ı		ı
		22	,	٥	14	9	20		4		14		2		4		13
		213	200	/87	301	251			83		295		68		271		526
		2,000	000	2,000	1,000	150	1,150		1,000		200		ı		ŧ		43,500
		15,000	001	2,100	8,200	6,850	15,050		ı		2,900		1,250		ı		ı
		17,885 a b	0 000	6,82/ a	21,127	12,360 c	33,487 d		2,476 e f		11,270 g		1,449 h i		ı		42,455 3
		32	C.	12	42	25	- 67		2		15		ო		1		45
District 17		1,071	8	676	10,419	5,963	16,382		91		11,080		927				13,320
Dist		10,174	400	2,024	6,756	4,819	11,575		2,380		162		197		1		18,659
		6,605	0 000	3,202	3,910	1,553	5,463		e		13		322		,		10,431
		DM Northumberland	Manahamahama and	Northumberland	Northumberland	Northumberl and			Northumberland		Northumberland		Northumberland		Northumberland		Northumberland
		DM		W C	DW	DW			S		DW		DW		BP		S
	Alarcon Coal Co.	Klondike Slopes	C. & M. Coal Co.	D. H. & W. Coal Co.	No. 2 & 4 Slopes	No. 3 Slope	Total	racting	E-1 Strip	Fairdeal Coal Co.	No. 9 Vein S. D. Slope	Garcia Coal Co.	No. 3 Slope	H. J. & H. Coal Co.	H. J. & H. Breaker	Minel, Inc.	K-1 Strip

	Non- fatal	acci-		,	,			ı		-	ı	1		,	-	8	1	
	Fa+al f		1	,	,	,		ı				,		ı	-		W - Washery	
	ji.	Empl- acct-		10	80	18		ന	22	28	9	00		ß	77	180	*	24 24 24
		Days E	1	306	291			360	274		249	81		9	310	252		istrict : inc 28 inc 28 it 28 it 28 District 19 istrict 19 istrict 29
	Pounds	dynamite		1	1			1	940,290	940,290		1,850		•	-	992,290	BP - Breaker Preparation Only	reaker isaker - all f ker - Distri eaker - Distri eaker - Distri eaker - all seaker - all aker - all eaker - all
Pounds	permis-	plosives		8,050	4,200	12,250			-		7,250	1		250	15,300	74,350	reaker Prepa	arbon Run Barbeker Z. Breaker Sek Breaker Sek Breaker Sek Breaker Sek Breaker Sek Breaker Strong Sek Breaker Breaker Sek Break
		Total		17,993	10,560	28,553 k		-	120,543	120,543 m	8,672 n	6,519 a o		b d 649	20,801 r s	303,616	BP - Bı	27,333 tons prepared at Carbon Run Breaker. 776 tons prepared at D. & Z. Breaker. 2,706 tons prepared at D. & Z. Breaker. 152 tons prepared at Glosek Breaker. 152 tons prepared at Glosek Breaker. 152 tons prepared at Glosek Breaker. 153,002 tons prepared at Sunshine Breaker. 17,700 tons prepared at Sunshine Breaker. 17,700 tons prepared at North Line Breaker. 17,700 tons prepared at North Line Breaker. 17,205 tons prepared at Carbon Run Breaker. 17,205 tons prepared at Garbon Run Breaker. 18,505 tons prepared at Lower Region Breaker. 19,101 tons prepared at Lower Region Breaker. 19,101 tons prepared at Lower Region Breaker. 10,101 tons prepared at Lower Region Breaker.
tons	Used at	for steam		30	25	55			20	20	74	8		e	20	353	aker	2,335 tons prepared at 176 tons prepared at 176 tons prepared at 11,224 tons prepared at 11,524 tons prepared 3,500 tons prepared 3,500 tons prepared 4,140 tons prepared 3,500 tons prepared 4,126 tons prepared at 2,019 tons prepared at 2,019 tons prepared at 2,019 tons prepared at 2,101 tons prepared at 2,101 tons prepared at 2,101 tons prepared at 2,101 tons prepared at 2,177 tons prepa
District 17	Sold	local	200	002,6	6,353	16,053			29,156	29,156	2,716	391		365	11,821	103,902	B - Breaker	
Producti	market :	By :		,	873	873			43,889	43,889	3,070	3,715		•	8,904	108,622		4
	tedreem of bonnet 42	By	2007101	8,263	3,309	11,572		. !	47,478	47,478	2,812	2,411		311	26	90,739	bk - Bank	- District 24 Slope used for err kker er - all District Er - all District District 24 - District 24 - District 24 - District 24
			County	Northumberland	Northumberland			Northumberland	Northumberland		Northumberland	Northumberland		Northumberland	Northumberland		S - Stripping	ambon Run Breaker – embar 13, 1962 Sil. ttober 33, 1962 Sil. E. A. D. Breaker – E. A. S. Preaker – E. A. S. H. Breaker – E. A. S. H. Breaker – E. A. S. H. Breaker – E. A. Munshine Breaker – E. A. D. Steaker – E. A. Munshine Breaker – E. A. Munshine Breaker – E. A. D. Steaker – E. A. Breaker – E. B. A. Breaker – E. B. A. Breaker – E. A. Breaker – E. A. Breaker – E. A. Breaker – E. B. A. Breaker – E. A. Breaker – E. A. Breaker – E. B. A. Breaker – E. B. Breaker
			Phillips Coal Co.	No. 4 Slope DM		Total	*0:	ВР	Trevorton S-5 Strip S	(Wright Coal Co., Cont.) Total	No. 3 Slope DM	R-1 Strip	(Carbo Contractors, Inc., Cont.)	MQ	Mount Poco No. 3 Slope DM	District Total	DM - Deep Mined S - S	(a) All coal prepared at Carbon Run Breaker - District 24 (c) Stopped mining coal October 31, 1962. Slope used for pumping more and October 31, 1962. Slope used for pumping more and October 31, 1962. Slope used for pumping more prepared at Carbon Run Breaker 16,022 tons prepared at Carbon Run Breaker 34 tons prepared at Coeff Region Breaker 34 tons prepared at Lower Region Breaker 35,90 tons prepared at North Line Breaker - all District 24 (c) 2,331 tons prepared at Sunshine Breaker - District 28 (c) 10,622 tons prepared at Sunshine Breaker - District 24 (d) Etons prepared at Sunshine Breaker - District 28 (d) Etons prepared at Sunshine Breaker - District 28 (d) Etons prepared at Sunshine Breaker - District 29 (d) Etons prepared at Sunshine Breaker - District 29 (d) Etons prepared at Sunshine Breaker - District 29 (d) Etons prepared at Sunshine Breaker - District 29 (d) Etons prepared at Sunshine Breaker - District 29 (d) Etons prepared at Sunshine Breaker - District 29 (d) Etons prepared at Sunshine Breaker - District 29 (d) Etons prepared at Sunshine Breaker - District 29 (d) Etons prepared at Sunshine Breaker - District 29 (d) Etons prepared at Sunshine Breaker - District 29 (d) Etons prepared at Sunshine Breaker - District 29 (d) Etons prepared at Sunshine Breaker - District 29 (d) Etons Prepared at Sunshine Breaker - District 29 (d) Etons Prepared at Sunshine Breaker - District 20 (d) Etons Prepared at Sunshine Breaker - District 20 (d) Etons Prepared at Sunshine Breaker - District 20 (d) Etons Prepared at Sunshine Breaker - District 20 (d) Etons Prepared at Sunshine Breaker - District 20 (d) Etons Prepared at Sunshine Breaker - District 20 (d) Etons Prepared at Sunshine Breaker - District 20 (d) Etons Prepared at Sunshine Breaker - District 20 (d) Etons Prepared at Sunshine Breaker - District 20 (d) Etons Prepared at Sunshine Breaker - District 20 (d) Etons Prepared at Sunshine Etons Prepared 20 (d) Etons Prepared 20 (

Shipped to market Sold Used Pennis Pennis				Dist	trict 17								
Sold Used at i permis- to colliery i sible ex- Pounds local for steam Total i plosives dynamite trade and heat production; used used			-	Producti	on - net	tons		Pounds					
to colliery : sible ex- Pounds local for steam Total : plosives dynamite trade and heat production: used used					Sold	Used at		permis-					Non-
local for steam Total : plosives dynamite trade and heat production: used			s Shipped to	o market :	to	colliery	••	sible ex-	Pounds			Fatal	fatal
trade and heat production; used used			s By		local	for steam	Total	plosives	dynamite	Days	Emp1-	acc1-	acci-
	Operators and Collieries	County	railroad		trade	and heat	production:		nsed	worked	OVPS	dente	dente

All coal prepared at North Line Breaker - District 24 20,728 tons prepared at Bar-Mac Breaker - District 24 73 tons prepared at Diamond Breaker - District 20 Began operations during January 1962 99

(8)

Bilden B Con Too				Dis	District 18								
Bliss Washery	* i	Carbon	15 000	1 1	1 1	1 1	15.002	1 1	1.1	153	9 1	1 1	1 1
Total	á		15,992		,	,	15,992 a				7=		11
Bubel Coal Co. Canova Tunnel	DW	Schuylkill	1	1	1	1	1	1	750	120	S.		1
C. T. Coal Co. Lansford Bank	þķ	Carbon	800	1,450	250	1	2,500 c	1	ı	21	*	1	17
Charbon Fuel Sales Co., Inc. South Brockton Strip	w	Schuylkill	4,639	8,831	4,848	339	18,657 d	1	1	260	9	1	1
Buck Slope	W d	Schuylkill	1	13,449	1,470	1	14,919	12,500	1 4	288	17		9-
okidnore stope Total	S S			18,895	4,276		23,171 e	12,500	4,500	757	22		1
G. & S. Coal Co., Inc. G. & S. Washerv	*	Carbon	1	,	,	1	,	,	,	184	2	,	1
ad	pk	-		5,557	1	1	5,557	1	1	184	-	ı	1
Total				5,557			5,557 f	-	1		3	,	1
Greenwood Mining Co. Greenwood Breaker	ВР	Schuylkill	1	1	1	1	1	1	1	318	79	-	4
Greenwood Stripping Corp. Edgemont Orchard Strip	s	Carbon	7,739	7,766	1,620	1	17,125 q		20,000	182	1**	ı	1
Greenwood Strip	S	Schuylkill	152,616	153,156	31,948	1	337,720	2,821,440	852,128	242	190	ı	23
Harbon No. 10 Strip	S	Schuylk 111	29,680	29,785	6,213	1	65,678		8,550	596	13	1	1
Harbon Loomis Strip	S	Schuylkill	12,462	12,506	2,609	1	27,577		25,375	195	=	ı	1
Lansford No. 5 Strip	S	Carbon	33,052	33,169	6,920	1	73,141		8,600	265	33	ı	7
Lansford No. 6 Strip	S	Carbon	2,768	2,972	1,093	1	6,833 h		1	64	*	1	1
Little Italy Strip	S	Carbon	55,000	55,000	11,000	1	121,000	550,610	42,715	252	33	1	2
Nesquehoning Strip	S	Carbon	47,784	47,953	10,003	1	105,740	267,950	03666	296	36	1	1
Schickram No. 8 Bank	bk	Schuylkill	7,642	7,669	1,599	1	16,910	1	ı	203	S	ı	1
Schrickram No. 9		Carbon	1	1		1			-	231	4	ı	1
Total			348,743	349,976	73,995	1	771,724 3	3,920,940	967,318		332	,	28

			Product:	Production - net tons	cons		Pounds					
				Sold	Used at		permis-					Mon
		s Shipped to market	market :	to	colliery	**	sible ex-	Pounds			Fo+o1	fa+23
		By	By :	local	for steam	Total	plosives	dynamite	Dave	Fmnl- acci-		i a ca i
Operators and Collieries	County	; railroad	trucks	trade	and heat	production:	nsed	nsed	worked	OVPS		dente
Harbon Coal & Contracting Co.											1	0
Rahn Strip	S Schuylkill	29,384	29,488	6,151	,	65,023 3	28,600	1,400	596	19	ı	,
Hazleton Cinder Supply & Coal												
Nesquehoning Bank	bk Carbon	6,578	7,142	1,920	,	15,640 k	1	1	112	7	ı	ı
Hillside Coal Co.												
Hillside Breaker	BP Schuylkill	,	ı	ı	,	,		1	229	16	,	ı
Integrity Coal Co., Inc.												
Mary-D Washery	W Schuvlkill	1	,	ı	,	•	,		29	7	,	1
Mary-D Bank	bk Schuvlkill	12,215	1	ı	•	12,215			29	9	,	ı
Total		12,215	1			12,215 1				13		
Kristoff Coal Co.												
Four Foot Slope	DM Schuylkill		1,458	162	,	1,620 m	1,600	300	102	9	1	1
Lanscoal Mining Co., Inc.												
No. 9 Water Level Drift	DM Carbon	15,110	15,163	3,163	1	33,436 j	14,325	3,150	244	18	ı	ιΩ
Mountainside Coal Co.												
Mountainside Breaker	BP Schuylkill	•	•	ı	ı	,	,	ı	306	က	ı	
R. & J. Construction Co., Inc.												
South Tamaqua Bank	bk Schuylkill	168	1,392	240	ı	2,400 n	,	t	24	4	ı	ı
R. & R. Coal Co.												
R. & R. Washery	W Carbon		1	ı	1			ı	203	7	ı	ı
	bk Carbon	2,068	2,388	-		4,456	1	,	203	-	-	-
Total		2,068	2,388	-	-	4,456 0		-		6		-
Schock, Norman C.												
Mary-D Strip	S Schuylkill	17,084	13,470	2,136	164	32,854	1	1	270	S	1	,
Stiendel Eq. Co. Strip			432	109		541 p	,	ı	20	ß	,	ı
Tuscarora Strip	S Schuylkill	4,170	3,080	7,447	650	15,347 g		•	224	8		2
Total		21,254	16,982	9,692	814	48,742 r				18	-	2
Seaboard Industries, Inc.												
Coaldale Bank	bk Schuylkill	795	1,053	152	,	2,000 \$,	1	24	**	ı	ı
South Tamaqua Coal Pockets												
South Tamaqua Breaker	BP Schuylkill		ı	ı	1	1	1	ı	251	9	ı	,
Spring Creek Coal Co.												
Spring Creek Breaker	BP Schuylkill		ı	ı		ı			200	7	ı	
Dotton Call to	Die Gebeurghaus	8	001		٠	. 000	000	ě	ī			
Whippoorwill Coal Co.	DM SCHUYIKIII	18	199	cTc	n	800 €	2005	0	2	n	ı	
Top Split Slope	DM Schuylkill	354	1.012	3,756	ı	5.122 u	3,650	150	240	2	,	,

1 Shighed to market Sold (Mark at a state and Date) 1 Shighed to market Sold (Mark at a state and Date)							Product	Production - net tons	tons		Pounds					
Shipped to market 1001 1								Cold	lload at		- normie-					Man
Schuylkiii 164						••	••	0700	nsed at		-sturad :					Non-
S						s Shipped to	market :	to	colliery		: sible ex-				Fatal	fatal
DM Schuylkill 164 968 2,868 - 3,600 v 600 - 200 9 - 200 9 - 200 20						Bv.	By :	local	for steam	Total	: plosives	dynamite	Davs	Emp1-	acci-	acci-
DM Schwylkill 164	Operators	and Co	ollieries		County	railroad	truck:	trade	and heat	production		nsed	worked		dents	dents
S - Stripping	Yob Coal Holmes	Co. Slope				164	268	2,868		3,600		•	200	so.	•	,
Servict Total Service	Zakrewsky Leader	Slope	°	DM			8,291	5,755		14,046		250	569	0	-	-
Coal prepared at Biss Washery repeduction advancing turnel - ceased operations June 1962 Repeduction and valenting turnel - ceased operations June 1962 Repeduction and valenting turnel - ceased operations June 1962 Repeduction and valenting turnel - ceased operations June 1962 Repeduction and valenting turnel - ceased operations June 1962 Repeduction and valenting turnel - ceased operations June 1962 Repeduction in May 1962 Repeared at Silver Creek Breaker - District 19 Repeared at Silver Creek Breaker - District 29 Repeared at Silver Creek Breaker - District 20 Repeared at Multiside Breaker - District 20 Repeared at Mountainside Breaker - District 19 Repeared at Silver Creek Breaker - District 20 Repeared at Silver Creek Brea		Dî	strict To	otal		458,945	- 1	116,753	1,158	1,046,701	3,987,365	977,893	242	604	1	45
(a) All coal prepared at Bliss Washery (b) No production advancing tunnel - cessed operations June 1962 (c) Began operations in November 1962 All coal prepared at Elever Blook Breaker - District 15 5,214 tons prepared at Silver Creek Breaker - District 19 5,214 tons prepared at Silver Creek Breaker - District 19 200 tons prepared at Block Heath Breaker - District 19 1,418 tons prepared at Block Heath Breaker - District 19 1,418 tons prepared at Hills Gla Breaker - District 21 4,04 tons prepared at Hills Gla Breaker - District 21 1,00 tons prepared at Hills Gla Breaker - District 21 1,00 tons prepared at Hills Gla Breaker - District 21 1,00 tons prepared at Hills Gla Breaker - District 21 1,10 tons prepared at Hills Gla Breaker - District 21 1,10 tons prepared at Hountainside Breaker - Glassed operations in May 1962 (f) All coal prepared at Glassed Gl	DM - Deep	Mined		S	- Stripping	bk - Bank		æ	- Breaker	ВР	- Breaker Pr	eparation On	<i>></i> :	-	- Was	ery
			coal pre- moduction moduction coal pre- module modu	on standard of constandard of consta	Bliss Washery ing tunnel - ce November 1902 Beaver Brook B at Salver Brook B at Silver Creek K. W. & E. Ber Brockton Break at Blist Heath and Brook Heath at Hillside Brook Heath at Hillside Brook Heath at Hillside Brook at Hourtainside Brook at South Ismaqua at Hourtainside Brook at South Ismaqua at Hourtainside Brook at Hourtainside Brook at Hillside Brook at Blook Brook Manyar 1962 Manyar Machery Manyar 1962 Manyar Machery Hillialde Break Manyar Break	sed operations June eaker - District 15 Breaker - District 25 Breaker - District 19 Fr. District 26 Fr. District 27 Fr. Distri	1962 19 1 I 1 October 15 15 11 August I mall mine	(n)		re prepared extractions for prepared a cartenations in prepared on	at Beaver Br. (Hillside Br. Augus R. Wa Augus and a to Cotober 1960 at Indian P. E Kaska Break at Brockton Br. H. Wazaka Break at Brockton Br. E Mazaka Break at Brockton Br. E Spring Cree at Scring Cree at Brockton Br. Hilliade Br. Hilliade Br.	weeker weeker weeker weber weber weber weeker wer wer wer wer wer wer wer wer wer w	District District District District District 19 Comber 19 District Sistrict	t 15 # 25 # 25 t 15 tt 15 19 22 21		

				Product	District 19 Production - net tons	tons		Pounds					
			Chimned to morting	: +edrem o	Scld	Used at		permis-	Dounde			Fotol	Non-
		3	By By	By :	local	for steam	Total :		dynamite	Days		Empl- acci-	acci-
Sernitsky Coal Co.		00000	0		208 70		-	1	0	DE VICE		delites	Calles
No. 1 Slope	ď	Schuylkill	3,541	5,949	4,674	1	14,164 a	3,100	1	265	00	•	1
Big Pine Coal Co., Inc.	1												
No. I Tunnel Danckton Black Beauty Coal Co.	100	Schuylkill	813	1,175	7,048	1	9,036 b	7,350	ı	236	ın	ı	ı
Brockton Breaker	e de	Schuylkill	1	ı	•	ı	o I	٠	1	116	α	•	1
Canfield Construction Co.													
Canfield Strip	S	Schuylkill	2,095	931	4,346	388	7,760 d	•	220	228	9	•	ı
Krell Coal Co. Strip	s	Schuylkill	•	157	18	1	175 e f	1	122	31	1	•	
Clarkson Coal Co.	i	:											
Clarkson Slope	3	Schuylkill		14,459	1,607	1	16,066 £	8,850		276	10	ı	4
Kaska Breaker	ВР	Schuylkill				•	1	ı		209	12	ı	4
ank	ρķ	Schuylkill	103,849	15,731	1,134		120,714			508	13	1	
Total			103,849	15,731	1,134	P	120,714 q	-			22	,	4
E. & M. Coal Co.													
Little Orchard Slope	W	Schuylkill		2,592	288	1	2,880 f h	2,600	ı	122	9	ı	1
Dalvet Tunnel	DM	Schuylk111	1,195	531	2,478	221	4,425 d	4.400	150	216	9	,	1
K. M. & F. Coal Service													
K. M. & F. Breaker	B	Schuylkill	1	ı	•	ı	ı	ı	1	138	7		1
Krell Strip	s	Schuylkill	706	314	1.464	131	2.615.4.4		220	11	~		
Crell Coal Co., Philip							-		ì		•		
Krell Strip	s	Schuylk111	•	1,170	130	9	1,306 f k	1	105	45	1	1	1
weight Times	2	O should be seen								-			•
ewphil Coal Co.	5	Schuytkiii	1/241	361	11,020		14,126 D	9,000	220	2/2	77	ı	4
No. 7 Slope	ð	Schuylkill	926	3,834	2,541	65	7,366 5	1,150	400	282	12	1	1
Riki Corp. Facle Hill Rank	ž	Schmilbell	211 866	47 007	2 6.72		36.0 306.0		1	200	12		-
eading Anthracite Co.			2001	100611	2000	1	6 0001000			ì	2	,	4
St. Clair P-42 Strip	s	Schuylkill	11,043	2,315	4,453		17,811 m 1		14,420	48	88		•
St. Clair P-43 Strip	s	Schuylkill	118,565	24,860	47,808		191,233 n l	1	615,660	211	4	1	ı
St. Clair P-44 Strip	S	Schuylkill	123,627	25,922	49,849		199,398 1		3,202,191	569	%		
St. Clair P-33 Strip	s	Schuylkill			1	1	1	•	1	240	4	1	-
Pine Forest Cleaner Plant	*	Schuylkill	•	1	1	•	1	1	1	251	12	1	ო
Wadesville Cleaner Plant	*	Schuylkill					0		-	=	80		1
Tean			253,235	53,097	102,110		408,442 1		3,832,271		122	1	4

				Product	Droduction - not tone	+000		Dounde					
				200011	101 - 1107	COLLE	-	e compa					
			Chinned to manket	: manufact	5 01 0	Used at	••	permis-	2000			1040	Non-
			n paddiuc 1	market :	02	colliery		-xa argis	Founds	,		ratar	ratal
Oneratore and Collieries		County	t by	by :	trade	and heat	production:	plosives	dynamite	Worked	Empl-	Empl- acci-	acc1-
Atlac Coal Co.													
Atlas Breaker	ВР	Northumberland	1	•	•	1	1	ı	•	171	2	ı	•
C. & J. Coal Co.													
Richards Strip	s	Northumberl and	4,274		1,205		5,479 b c	•	•	145	ıΩ	ŧ	1
D. & D. Coal Co.													
D. & D. Breaker	Bb	Northumberland	•	•	ı	•		•	ı	120	5	١	ı
D. & N. Coal Co.													
No. 78 Drift	DM	Northumberland	3,512	•	888	•	4,400 b	009*9	•	220	ın	١	ı
Diamond Coal Co., Inc.													
Diamond Breaker	Вр	Northumberland			•	•	•	•	1	210	30	ı	5
Ennis Coal Co.													
Locust Run Slope	DW	Columbia	5,400	4,800	1,680	120	12,000 d	14,400	٠	288	œ	١	•
G. & D. Coal Co.													
G. & D. Slope	đ	Northumberland	2,804	2,492	872	62	6,230 d e	6,100	1	06	00	١	~
Howells, T.S. & Olaf, S. Stripping Co.	Strippi	ng Co.											
Natalie Strip	s	Northumberland	2,300	•	1,495	•	\$ 582.9	250	•	127	7	•	•
Jeddo-Highland Coal Co.													
Germantown Strips	s	Columbia	46,416	13,330	10,843	633	71,222 9	128,350	83,419	200	S	1	١
K. & H. Coal Co.													
Skidmore No. 1 Slope)													
Skidmore No. 2 Slope)	M	Northumberland	1,613	1,434	205	36	3,585 d	7,000	٠	140	S	ı	~
K. & K. Coal Co.													
Buck Strip	S	Columbia	328	4,433	6,196		10,957 h	200	•	254	9	1	1
Wiles Coal Co.													
No. 2 Slope, No. 2 Lykens Vn DM Columbia	us Vn	DM Columbia	•	21,600	•		21,600 1	2,600	•	252	80	1	1
P. & M. Coal Co.													
Richards & Greenough Strips S	rips S	Northumberland	1,234	1,071	2,395	1	4,700 j	200	•	20	0	ı	•
Pizzoli Bros. Coal Co.													
No. 4 Vein Slope	NA DA	Northumberland		2,020	2,300	50	4,340 k	7,200	ı	240	ιΩ.	1	١
naker coal co.		:											
Raker Slope	M.	Columbia	5,594	4,971	1,738	124	12,427 d	7,600	ı	227	4	ı	1
Relainger Coal Sales	17	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			0.0		. 0.0			ì			
Savitski Bros. Coal Sales	Y C	DUPTIACIONITION	•		71017		7,812 1	•	ı	0	-	•	•
Savitski Breaker	BP	Northumberland	•		•			•	•	300	9	1	ı
Wallons Corp.													
Sayre Strip	s	Northumberland	21,001	18.261	6,392		45,654 d	202,253	1,674	182	23	1	1
											-		
District Total			97,476	74,412	39,318	995	212,201	382,753	85,093	195	182	•	n

		Non-	atal	-toc	ents	ery	
		N	Fatal fatal	Empl- acci- acci-	ts de	W - Washery	
			Fat	- acc	den	W	
				Empl	oves		4
				Days	worked oyes dents dents		t 24 ct 24 24 24 24 24 24 24 24
			Pounds	dynamite	nsed	tion Only	(h) 139 tons prepared at Steam Coals Breaker - District 24 97 tons prepared at Standand Breaker - District 24 5,396 tons prepared at Savitati Breaker - District 24 2,500 tons prepared at Dishinic Breaker - District 24 2,573 tons prepared at Dill Veln Breaker - District 24 4,3 tons prepared at Dill Veln Breaker - District 24 4,3 tons prepared at Roilinge Teseker - District 24 4,3 tons prepared at District Veln Breaker - District 24 (1) 1,003 hipped to P. P. B. L. Co. 2,300 tons prepared at Northline Breaker 2,300 tons prepared at Northline Breaker - all District 24 3,300 tons prepared at Atlas Breaker - District 24 (1) All coal prepared at Savitaki Breaker - District 24 (1) All coal prepared at Savitaki Breaker - District 24
	Pounds	permis-	sible ex-	Total : plosives	nsed	BP - Breaker Preparation Only	139 tons prepared at Steam Coals Breaker 5,396 tons prepared at Diamond Breaker 5,396 tons prepared at Diamond Breaker 2,200 tons prepared at Diamond Breaker 2,573 tons prepared at Diamond Breaker 2,573 tons prepared at Coll & Z. Breaker 4,32 tons prepared at Relainges Breaker 3,230 tons prepared at Relain Breaker 2,390 tons prepared at Kolls Breaker 3,390 tons prepared at Kolls Breaker 3,340 tons prepared at Kolls Breaker 3,340 tons prepared at Kalls Breaker All coal prepared at Kalls Breaker All coal prepared at Reidnings Breaker All coal prepared at Reidnings Breaker All coal prepared at Reidnings Breaker Bleaker Breaker Breake
			**	otal :	production: used	BP - Brea	t Steam C Diamond I at Savit I Diminick I Diminick I at Split I at D. & I at North I at Split I at Savit I Reiding
					pro		appending the standard of the
	tons	Sold Used at	to colliery	ocal for steam	trade and heat	sker	199 tons prepared at Steam Coals Br. 97 tons prepared at Diamond Breaker, 936 tons prepared at Sairtist Breaker, 2006 tons prepared at Spitt Wen Br. 2,573 tons prepared at Diaminic Breaker, 2007 tons prepared at Endidoper Break All coal shipped to P. P. L. Co. 2,380 tons prepared at Northling Br. 2,380 tons prepared at Northling Br. 2,380 tons prepared at Northling Br. 2,380 tons prepared at Allas Breaker Broaker at All coal prepared at Atlas Breaker 3,540 tons prepared at Atlas Breaker 3,540 tons prepared at Atlas Breaker All coal prepared at Reidinger Break
District 20	Production - net tons	Sold	to	local	trade	B - Breaker	(E)
Di	Producti	••	arket:	By :	truck:		
			: Shipped to market :	a By	: railroad	bk - Bank	District 24 - District 24 er - District 13 r - District 13
					County	S - Stripping	Ceased operations in November 1962 All coal prepared at Dismond Breaker Ceased operations in September 1962 All coal prepared at Gien Burn Breaker - District 24 Cassed operations on May 17, 1962 Cassed operations on May 17, 1962 Cassed operated at Steam Coals Breaker - District 24 6,675 tons prepared at Dismond Breaker - District 15 28,230 tons prepared at Dismond Breaker 33,324 tons prepared at Gien Burn Breaker - District 24 33,324 tons prepared at Gien Burn Breaker - District 24
					Operators and Collieries	DM - Deep Mined	NOTE: (a) Ceased operations in November 1962 (b) All coal prepared at Diamond Breaker (c) Ceased operations in September 1962 (d) All coal prepared at Gien Burn Break (e) Cassed operations on May 17, 1962 (f) 119 tons prepared at Steam Coals Break (g) 9,668 tons prepared at Diamond Break (g) 9,668 tons prepared at Jadon No. 7 B 28,230 tons prepared at Jadon No. 7 B 28,230 tons prepared at Gien Burn Break (g) 9,668 tons prepared at Gien Burn Break (g) 9,688 tons prepared (g) 9
					Operato	DM - De	NOTEs

		١		-		•		-		8		٦		ı	1			1		1		1
		•		•								8			•							
		7		13		'n		13		e		16		'n	2	-		7		11		10
		175		166		260		210		28		235		12	8			83		129		260
						,				200		909						,		,		,
				7,550								4,700			٠			450		•		10,000
		40		13,867 b						2,413 c		15,119 d			100	100 €		3,100 f g		•		9,475 f
		ı		54				,		19		152		,				,		•		•
District 21				2,652						263		1,618			15	15		1,023		•		3,128
Die	247	,		8,395		8				1,150		6,640			3	က		1,302		1		3,979
		•		2,766				•		981		6,109			82	82		775		•		2,368
		Schuylkill		Schuylkill		Schuylkill	., Inc.	Schuylkill		Schuylkill		Schuylkill		Schuylk 111	Schuy1k111			Schuylk111		Schuylkill		Schuylk111
		BP		70		ВР	1on Co.	BP		s		DM		ВР	þķ			DW		ВР		DM
	A. & S. Coal Co.	A. & S. Breaker	Allen Mining Co.	Skidmore Slope	B. & N. Coal Co.	B. & N. Breaker	Black Heath Coal & Construction Co., Inc.	Black Heath Breaker	Blue Bell Enterprises	Blue Bell Strip	Bosack Coal Co.	No. 2 Drift	Branch Coal Corp.	Branch Breaker	Branch Bank	Total	C. & D. Coal Co.	Diamond Slope	Cass Contracting Co.	Marlin Breaker	D. & M. Coal Co.	Tracy Slope

				Product1	Production - net	tons		Pounds					
			Chilamond to manifest	1 today	Sold	Used at		permis-	Pounds			Ta+a1	Non-
			By By	By t	local	for steam	Total	plosives	dynamite	Days	Empl-	Empl- acci-	
Operators and Collieries		County	railroad	trucks	trade	and heat	production:	nsed	nseq	WOLKED	oves	dents	dents
ando & Troup Coal Co. Dando & Troup Strip	v	Schuy1k111	166	422	09	00	4 969			76	N	•	•
DiRenzo Coal Co.													
DiRenzo Breaker	ВР	Schuylk111	•	•	•	•		1	•	204	10	1	7
Glenn Worth Coal Co.													
Glenn Worth Breaker	ВЬ	Schuylkill	•			•		1	•	500	4		1
No. 1 Buck Mountain Slope	70	Schuvlkill	3.435	4.599	1.969	133	10,136 1	5.650	•	262	7		
Hauptly, J. & Hoke C.													
Buck Mountain Strip	S	Schuylkill	8,338	10,444	3,537	96	22,415	•	2,600	200	14	•	2
Primrose Strip	s	Schuylkill	5,501	7,192	1,170	109	13,972		1,000	172	15		
Total			13,839	17,636	4,707	205	36,387 1		3,600		53	8	2
Hegins Mining Co.													
Sharp Mountain Slope	M D	Schuylk111	2,045	3,505	1,003	8	6,599 k	4,350	•	144	6		•
Continue of the continue of th	U	Cohunthall	C YY	1780	1 188	80	1 000			2	5		
K. A. P. Coal Co.	9	Sciing In 111	3	06/67	19100	3	7 000 %	•		*7	27	•	
K. & P. Breaker	ВР	Schuy1k111					•	•	•	239	14	•	•
Cowalchick, Michael													
Kowalchick Breaker	ВЬ	Schuylk111	•	•	•	•		•	ı	200	-	•	
ive Dak Coal Co.													
Live Oak Breaker	ВЬ	Schuylkill	•	1			ı	•		282	12		•
Lowland Washerv	*	Schuvlkill								180	4	•	•
Low and Bank	Ì		42.488	0.700	1.667		46.855			180		-	-
Total	2		42.488	2.700	1.667		46.855 m			200	12	-	-
M. & N. Coal Co.											1	1	1
Middle Split Slope	ð	Schuylk111		9,591	1,279	23	10,923 n	5,350	•	264	14	-	4
Forestville Washerv	3	Schuvlk 111								288	4		1
Lytle Bank	ă	Schuylkill	15,359	50.970			66.320			288	100	•	1
Total			15,359	50.970			66,329 0				=		-
daple Spring Coal Co.													
Maple Spring Breaker	B	Schuylkill		ı		•			•	262	19	•	-
Phoenix Park Strip	s	Schuylkill	18,835	5,480	1,825	9	26,200 p	•	40,000	312	21	•	•
Unersville Coal Co., Inc. Minarsville Breaker	B	Schuylkill	•	•	•	٠	•	•	•	250	12	•	•
Wontrose Coal Co.						1					,		
Holmes Slope	DW	Schuylkill		6,015	601.1	73	7,247 q	2,500		2007	٥	•	

deft permiss learn lea					Product	Production - net tons	tons		Pounds					
Schulture County Schulture Schultu				-										-
Schuylkill						pros	Used at	••	permis-					Non-
Schwylkiii				1 Shipped t	o market :	to	colliery	-	sible ex-	Pounds			Fatal	fatal
Secondary Falloged County				t By	By s	local	for steam	Total :	plosives	dynamite	Days	Emp1-	Empl- acci-	acc1-
### Schuylkill	perators and Collieries		County	: railroad	trucki	trade	and heat	productions		nsed	worked	- 1	dents	- 1
Schwylkiii	d Mill Coal Yard													
Total Schwylkill Light Siope DM Schwylkill Schwylki	Old Mill Breaker	BP	Schuylkill		ı			ı	ı	ı	584	EC.	1	'
The stripping by Schuylkiii 1,416 5,666 4,724 - 11,806 r 12,500 r	enick Bros. Coal Co.	0	Cahundhall											
New York	to & Son Coal Co.	r r	Schuyikili		ı	•			1	ı	186	4	1	'
Series Computation Secondary Series Se	lo. 2 Buck Mountain Slope		Schuy1k111	1,416	2,666	4,724	•	11,806 r	12,500		297	00		
Strip S Schwylkill 3,284 659 1,341 - 5,284 1,500 169,433	ading Anthracite Co.													
Strip S Schwylkill S S S S S S S S S S S S S S S S S S S	Dak Hill Pine Knot No.1 L	brift 1	OM Schuylkill					1	1,500	1	73	00		
## Schwylkiii	Weechwood P-46 Strip	S	Schuylk111	3,284	629	1,341		5,284	1	169,435	47	20	1	6
Total Total Total 29,034 5,829 11,839 - 46,721 1,1300 254,189 Eseting Co. S Schuylkill 3,209 3,069 627 71 6,976 u 7,500 - 178,489 Exeting Co. S Schuylkill 2,398 4,348 2,655 76 9,677 w - 178,489 F. BP Schuylkill - 2,600 1,360 40 4,000 x 2,500 - 0 S Schuylkill - 2,600 1,360 40 4,000 x 2,500 - 0 F. BP Schuylkill	Seckacherville P-21 Strip	S	Schuy1k111	25,750	5,170	10,517		41,437.8	1	84,750	243	33		•
Exeting Co. S Schuylkill 3,209 3,069 627 71 6,976 u 7,500 - 178,485 Execting Co. S Schuylkill 4,864 34,308 8,798 - 87,970 v - 178,485 Exercing Co. S Schuylkill 2,398 4,548 2,655 76 9,677 w - 178,485 Exercing Co. S Schuylkill - 2,600 1,360 40 4,000 x 2,500 - 4,500 W	Total			29,034	5,829	11,858		46,721 t	1.500	254,185		6		3
retting Co. S Schuylkill 3,209 3,069 627 71 6,976 u 7,500 - 178,485 Leacing Co. S Schuylkill 44,864 34,308 8,798 - 87,970 v - 178,485 Leacing Co. S Schuylkill 2,398 4,548 2,655 76 9,677 w - 178,485 Leacing Co. S Schuylkill - 2,600 1,360 40 4,000 x 2,500 - 2 C.	eib Coal Co.													
### Schuylkiii	cheib Slope	M	Schuylkill	3,209	3,069	627	71	n 926°9	7,500		247	ß	1	•
Second S	uylkill Contracting Co.													
Sering Co. Sehuylkiii 2,398 4,548 2,655 76 9,677 w - 4,500	filte Ash Strip	-	Schuylkill	44,864	34,308	8,798	1	87,970 v	1	178,485	145	37	1	•
Strip S Schuylkill 2,398 4,548 2,655 76 9,677 w - 4,500	pp & Son Contracting Co.													
BP Schuylkiii	each Mountain Strip	s	Schuylkill	2,398	4,548	2,655	92	W 779,6	1	4,500	202	7	1	i
BP Schuylkiii	ton, John													
yy BP Schuylkill - 2,600 1,360 40 4,000 x 2,500 - 7,50	alton Breaker	ВЬ	Schuylkill		ı		ı	ı	ı	ı	165	7	•	
rict Total bk Schuylkill	estwood Slope	No.	Schuylk 111	1	2,600	1,360	40	4,000 x	2,500	1	125	00	1	
cer BP Schuylkill	atyla, Anthony													
c bk Schuylkill 2,718 1,380 84 - 4,182 y	oratyla Breaker a Brothera	Bb	Schuylkill	1			1	1	1	1	180	7	1	
194,047 181,537 53,629 1,025 430,238 64,530 481,870 S - Stripping bk - Bank B - Breaker BP - Breaker Preparation Only	ilverton Bank	ğ	Schuylkill	2,718	1,380	84	-	4,182 y	-		170	2		1
S = Stripping bk = Bank B = Breaker	District Total			194,047	181,537	53,629	1,025	430,238	64,550	481,870	186	453	61	16
S - Stripping bk - Bank B - Breaker												-		1
	- Deep Mined	5	Stripping	bk - Bank		B - Br	eaker	BP - Bi	reaker Prepa	ration Only		M	W - Washery	ery

(c) 62 tons prepared at Legal Breaker - District 16
376 tons prepared at Legal Breaker - District 16
376 tons prepared at Donalden Breaker
57 tons prepared at Tremont Breaker
67 tons prepared at Franklin Breaker
77 tons prepared at Franklin Breaker
77 tons prepared at Franklin Breaker
77 tons prepared at Franklin Breaker
71 19,913 tons prepared at Branklin Breaker
71,028 tons prepared at Branklin Breaker
71,028 tons prepared at Branklin Breaker
(e) All coal prepared at Branklin Breaker

81 tons prepared at Black Heath Breaker 796 tons prepared at Maple Spring Breaker 300 tons prepared at Live Oak Breaker 23 tons prepared at Di Renzo Breaker 604 tons prepared at Brench Breaker

Cessed operations in November 1962 2,500 tones prepared at Marini Breaker 5,967 tone prepared at K. & P. Erseker 5,400 tone prepared at DiRenzo Breaker

33

NOTE

(°)

					Product	Droduction - per tone	9		Dounds					
						Sold	Used at		nermis-					Noon
				: Shipped to market	market :		colliery		sible ex-	Pounds			Fa+a1	fatal
				a By	By :	_	for steam	Total :	plosives	dynamite	Days	Empl- acci-		acci-
Operators	Operators and Collieries		County	: railroad	truck:	trade a	and heat	production: used	nsed	nsed	worked	oves		dents
998 (1) (7)	All coal prepared at K. & P. Breaker Coased operations in May 1962 of chased operated at Olenick Breaker 200 tons prepared at Olenick Breaker 200 tons prepared at Shenton Breaker 200 tons prepared at Shentara Breaker 201 tons prepared at Shentara Breaker 21,1218 tons prepared at Shenta Breaker 21,1218 tons prepared at Shenta Breaker 21,220 tons prepared at Shenton Breaker 21,200 tons prepared at Shenton Breaker 30,922 tons prepared at Shenton Breaker 30,922 tons prepared at Shenton Breaker 30,000 tons prepared at Glenne Worth Breaker 30,000 tons prepared at Glenne Worth Breaker 30,000 tons prepared at Chineck Breaker 30,000 tons prepared at Glenne Head Breaker 20,000 tons prepared at Model Breaker 2,993 tons prepared at Model Breaker 2,993 tons prepared at Lagal Breaker 2,993 tons prepared 200 tons 200 t		All coal prepared at K. & P. Breaker 107 tons prepared at May 1962 107 tons prepared at Olentick Breaker 208 tons prepared at Olentick Breaker 208 tons prepared at District Breaker 209 tons prepared at Sentera Breaker - District 25 4,907 tons prepared at Sentera Breaker - District 25 4,907 tons prepared at Sentera Breaker - District 25 4,902 tons prepared at Bleach Senter Breaker 1,128 tons prepared at Bleach Senter Breaker 1,500 tons prepared at Bleach Breaker 1,500 tons prepared at District 25 4,902 tons prepared at Chemic Breaker 1,000 tons prepared at Chemic Breaker 1,000 tons prepared at Chemic Breaker 1,000 tons prepared at Chemick's Breaker 1,000 tons prepared at Londian Head Breaker 1,000 tons Breaker	All coal prepared at K. & P. Breaker Cleased operations in May 1967 (The True prepared at Olenick Breaker 200 tons prepared at Olenick Breaker 200 tons prepared at Differion Breaker 200 tons prepared at Sinsteas Breaker - District 25 200 tons prepared at Sinsteas Breaker - District 25 201 tons prepared at Sinsteas Breaker - District 25 2015 tons prepared at Sinsteas Breaker - District 25 2015 tons prepared at Black Heath Breaker 2015 tons prepared at Black Heath Breaker 1550 tons prepared at District Breaker 1550 tons prepared at Sinsteas Breaker - District 25 2010 tons prepared at Old Mull Breaker 2010 tons prepared at Old Mull Breaker 2010 tons prepared at Old Mull Breaker 2010 tons prepared at Sinsteas Breaker - District 25 2000 tons prepared at Sinsteas Breaker - District 25 2000 tons prepared at Sinsteas Breaker - District 25 2000 tons prepared at Sinsteas Breaker - District 25 2000 tons prepared at Sinsteas Breaker - District 25 2010 tons prepared at Sinsteas Breaker - District 25 2010 tons prepared at Sinsteas Breaker - District 25 2010 tons prepared at Lagal Breaker - District 16 21,993 tons prepared at Lagal Breaker - District 16		2 202 33 GEGESS 83		4,447 ton prepared at Maple Spring Breaker 2,152 tons prepared at Milaide Breaker - District 25 All coal prepared at Lealand Breaker - District 25 All coal prepared at Lowland Remaker 1,154 tons prepared at Lowland Remaker 1,154 tons prepared at Lowland Remaker 1,000 tons prepared at Lowland Remaker 1,000 tons prepared at Milaines President 1,000 tons prepared at Milaines Breaker 1,000 tons prepared at Milaines Breaker 1,000 tons prepared at Milaines Breaker 1,000 tons prepared at Sentiar Breaker 1,000 tons prepared at Milaines Breaker 1,000 tons prepared at Milaines Breaker 1,000 tons prepared at Milaines 1,000 tons prepared at Milaines 2,000 tons prepared at Milaines 2,400 tons prepared at Milaines 1,000 tons prepared at M	th Maple Spr Hilliande Black Hilliande Lowland Was to Disease & P. Br Forestville Forestville Forestville Forestville Forestville Forestville Forestville Forestville Forestville Forestville Forestville Maple Sprin Maple Sprin Maple Sprin He Swetze Forestville Maple Sprin He Swetze Forestville Forestville Mineraville Donaldson Breal	Breaker – D Breaker – D	strict 2 r - District District strict 25	26 26 26 26 26 26 26 26 26 26 26 26 26 2		
C. & F. Co	C. & F. Contracting CoInc.				Dis	District 22								
Midvalley Bank	y Bank	þķ	Columbia	•	6,227			6,227 a			09	7	1	1
Centrali	Centralia Colliery	DM	Columbia	•	18,291	٠	٠	18,291	3,450	009,9	179)	36	•	ın
Centralia Bank	la Bank	pk	Columbia	-	8,145		•	8,145 b		•	_	80	8	
	Total				26,436		•	26,436 c	3,450	009*9		47	1	80
Debbie Lance Cos Mammoth Slope	Debbie Lance Coal Co., Inc. Mammoth Slope	M	Columbia	1	4,144			4.144 d	820	3,740	173	9	'	•
H. & K. Coal Co.	H. & K. Coal Co., Inc. Preston Tunnel	M		•	2,192		•	2.192 e h			ď	•		
Jeddo-High	Jeddo-Highland Coal Co.													
Midvalle	Midvalley Colliery	α :								1.	212	16	ı	
Midvalley Bank	y Bank	ğ u	Columbia	112,319	11,312	986	416	125,033 f		35 467	212	13	1 1	•
	Total	2	COLUMNIA	117,216	17,718	3,495	629	139,058		35,467	36	39		

				1.1						
	Non- fatal	dents	1	1 10 10	•	1	1	00	thery	
	Fatal	empl- acci- oyes dents	1		•	•	1	1	W - Washery	Inc.
		oyes dents	ın	178	6	0	98	331		C
	å	worked	64	253	198	89	184	500		0 27 rict 15 ey Anthra 20 t 26 t 24
	Pounds	used	•	1,964,303	105	2,000	150,000	11,320 2,165,215	BP - Breaker Preparation Only	- District 2 r - District 2 asker - District 2 Lehigh Vall - District Co. r - Distri
Pounds	permis- sible ex-	prosives	•		6,500	•	1	11,320	aker Prepa	dge Breaker - dge Breaker valley Fin valley Fin valley Fin valley Fin valley Fin Breaker changed to nd Breaker . Equipment ond Breaker changer
		production:	1,240 d	184,382	9,942 k	6,977 e l	35,761 m	416,359	BP - Bree	All coal prepared at Savitati Braker - District 20 All coal prepared at Planking Braker - District ZZ All coal prepared at Planking Fine Coal Plant 14,02 from prepared at Jeddon No. Threaker - District 13 Preston Tunna bandoned August 7, 1962 All coal prepared at Amenoch Braker District 10 No. The All Coal Co changed to Lehigh Valley Anthracite, Inc. No. 1902 Bass Strip Amenoch Co. & G. Equipment Co. Bass Strip Amenoch All 1962 Bass Strip Amenoch All 1962 Bass Strip Amenoch All Sasch All Sasch All Coal Prepared at District 20 15,000 tons prepared at Disanch Braker - District 20 3,003 tons prepared at Blasch All Reaker - District 24
tons	Used at	and heat	٠	833 833	1	٠	•	1,462	aker	All coal prepa All coal prepa 112,033 tons p 14,025 tons p All coal prepa Formerly Mammon Formerly Mammon Formerly Mammon 5,027 tons shi San San San San 15,030 tons pre 17,678 tons prepared
District 22 Production - net tons	Sold to	trade	٠	20,752	•	١	•	24,247	B - Breaker	(k) (1) (2) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4
Product	market :	truck:	1,240	48,218	9,942	6,977	35,761	158,855		23 28
	Shipped to market	: railroad	•	114,579		٠		231,795	bk - Bank	- All District District 24 District 24 District 26 District 26 District 20
		County	Columbia	Schuylkill Schuylkill	Columbia	Schuylkill	Columbia		S - Stripping	Swift Breaker D. 4.2 Breaker Glinger Breaker Spiller P. 4. L. Tod November 30, 196, 30, 196, 30, 196, 30, 196, 30, 196, 30, 40, 30, 30, 40, 30, 30, 30, 30, 30, 30, 30, 30, 30, 3
		Orerators and Collieries	Midvalley Strip	Adamoth Colliery B Manmoth Strip Total	Marmoth Slope DM	Bast Strip	Sanchez Construction Co. Centralia Strip	District Total		(a) 2,489 tons prepared at Swiff Breaker 1,771 tons prepared at M. E. Z. Breaker 201 tons prepared at M. E. Z. Breaker 707 tons prepared at Split Vein Breaker - All District 24 707 tons anipped to P. P. B. L. (b) Centralish anies absonded November 30,1962 (c) 4,787 tons prepared at Barwken Erseker 4,161 tons prepared at Barwken Breaker 62 tons prepared at Reichmen Benev Breaker 52 tons prepared at Reichmen Benev Breaker 5,699 tons prepared at Balchmen Breaker - District 27 5,699 tons prepared at Diamond Breaker - District 20 11,977 tons prepared at Diamond Breaker - District 20 167 tons prepared at Savitaki Breaker - District 20
		Operators a	K. H. & P. Midvalley	Mammoth C	Mammoth S.	Bast Strip	Centralia		DM - Deep Mined	NOTE: (a) (b) (c)

	-	1	
	ı	1	
	7	9	
	303 7 -	263	
	١	١	
	6,550	2,885	
	11,261 a	7,715 b 2,885	
	1	•	
trict 23	7,207 3,941		
Die	7,207	2,550	
	113	4,850	
	Northumberland	Northumberland	
	De	DM	
Al May Cosl Co.	Holmes Slope	Primrose Slope	

Country 1 Shipped to market 1 Shid Used at 1 1 1 1 1 1 1 1 1 1					Producti	District 23 Production - net tons	tons		Pounds					
1						Sold	Used at		permis-					Non-
Northumberland 1,006 1,0				s Shipped to	market:	to	colliery		sible ex-	Pounds			Fatal	fatal
Northumberland				a By	By :	local	for steam	Total :	plosives	dynamite	Days	Empl-	acci-	acci-
tes Northumberland	Operators and Collieries		County	: railroad	trucks	trade	and heat	productions	nsed	nsed	worked	oves	dents	dents
Total S Northumberland 5,938 1,106 6/7 - 7,040 - 6,000 12 - 140 12	C. & J. Coal Co.													
tes Northumberland 5,938 1,1156	Alaska Bank	pk	Northumberland	5,421	1,056	563	1	7,040	1		140		•	1
Total 11,359	Excelsion Strip	S	Northumberland	5,938	1,156	617		7,711	•	925	151		1	-
S Northumberland 27,623 24,020 8,407 - 6,030 2,000 44,000 190 14 - 2,012 2,912 2,522 886 - 6,330 - 2,000 44,000 190 14 - 2,012 2,023 2,032 2,032 2,032 2,032 2,032 2,032 2,032 2,030 2,000				11,359	2,212	1.180		14.751 c		925				-
Total S Northumberland 27,622 24,020 8467 - 60,030 2,000 44,000 190 14 - 2,030 2,000 44,000 190 14 - 2,030 2,000 44,000 190 14 - 2,030 2,000 44,000 190 14 - 2,030 2,000 44,000 100 17 - 2,030 17 - 2,030 17 - 2,030 17 - 2,030 17 - 2,030 17 - 2,030 17 - 2,030 17 - 2,030 17 - 2,030 17 - 2,030 17 - 2,030 17 - 2,030 17 - 2,030 17 - 2,030 17 - 2,030 17 - 2,030 17 - 2,030 17 - 2,030 - 2,030 17 - 2,030 17 - 2,030 17 - 2,030 17 - 2,030 - 2,	Chervanik Associates													
Total S Northumberland 20,532 9,896 - 6,330 - 3 3 - 3	Scott Strip	S	Northumberland	27,623	24,020	8,407		60,050	2,000	44,000	190		1	,
Total DM Northumberland 114 7,173 4,078 - 11,365 e 15,000 44,000 17 - 20 15	Maysville Strip	S	Northumberland	2,912	2,532	886		6,330	. 1	. 1	30		,	
DM Northumberland 114 7,173 4,078				30,535	26,552	9,293		66,380 d	2,000	44.000				
DM Northumberland	Cosen & Co., M.													
10 Northumberland 11,403 5,973 724 - 18,100 f 9,750 - 202 12 - 100 305 167 - 2,092 -	Holmes Slope	DIM		114	7,173	4,078	1	11,365 e	15,000	1	293		1	~
DM Northumberland 11,403 5,973 724 - 18,100 f 9,750 - 202 12 - 202	3. M. P. Coal Co.													
S Northumberland 1,620 305 167 - 2,092 c - 102 3 - 102 3 - 102 3 - 102 3 - 102 3 - 102 3 - 102 3 -	Holmes Slope	DM		11,403	5,973	724	1	18,100 f	9,750	1	202		1	•
Solution	H. & S. Coal Co.													
14, Co. DM Northumberland 20,200 3,920 2,092 2	Excelsior Strip	s	Northumberland	1,620	305	167	1	2,092 c	1	1	102		1	1
Difference	Locust Spring Coal Co.													
Seeker B Northumberland Seeker 1,779 3,619 - 14,260 - 27,739 117 14 - 18,265 Breeker B Northumberland 14,729 2,637 6,016 - 23,702 - 10,870 135 34 - 10,870 135 34 - 10,870 135 34 - 10,870 135 34 - 10,870 135 34 - 10,870 135 34 - 10,870 135 34 - 10,870 135 34 - 10,870 135	West Spring Slope	DM		20,200	3,920	2,092	1	26,212 c g		1	226		1	-
Seeker S	Reading Anthracite Co.													
Breaker BP Northumberland 14,729 2,957 6,016 - 23,702 - 10,870 135 34 - 5,0141	Alaska Strip A-56	S	Northumberland	8,862	1,779	3,619	1	14,260	1	27,739	117		1	1
Total S Northumberland 14,729 2,957 6,016 - 23,702 - 10,870 135 34 - 23,702 - 10,870 135 34 - 23,591 4,736 9,635 - 3,7,962 h - 36,609 78 - 2	Locust Summit Breaker	ВР	Northumberland	•	1	1	1	•	1	1	1	30	•	ı
Total 23,591	Potts Strip A-56	S	Northumberland	14,729	2,957	6,016	•	23,702	1	10,870	135		•	e
No Feels, Inc., b. Northumberland 3,494 3,494 1 25 5 25 7 7 25 7 7 25 7 7 25 7 7 25 7 7 7 25 7 7 7 25 7 7 7 25 7 7 7 25 7 7 7 25 7 7 7 7 2 - 25 7 7 7 7 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Total			23,591	4,736	9,635	1	37,962 h		38,609				6
bk Northumberland 3,494 3,494 1 25 5 25 1 - 25 1 1 - 25	Schuylkill Carbon Fuels, In	c.												
DM Northumberland	Locust Gap Bank	pk		3,494		1	•	3,494 i	•	•	22	ın	ı	1
ict Total	Tellerre Drocliers													
114,844 64,578 31,905 - 211,327 50,435 83,534 148 185	Primrose Slope	DM	Northumberland	7,565	3,950	480	-	11,995 1	6,200		257		1	-
S - Stripping bk - Bank B - Breaker BP - Breaker Freparation Only tons prepared at Bar Mac Breaker - District 20	District Total			114,844	64,578	31,905	1	211,327	50,435	83,534	148		1	7
S - Stripping bk - Bank B - Breaker BP - Breaker Preparation Only (f) 1,235 tons prepared at Bar Mac Breaker - District 20				-		-	STATE					- 1		-
(a) 5,630 tons prepared at Bar Mac Breaker - District 20	OM - Deep Mined	S	. Stripping	bk - Bank		B - Br	reaker	BP -	Breaker Pre	paration Onl	, x		V - Wasi	hery
(4) 2,530 tons prepared at Bar Mac Breaker - District 20	(-)	7				1								
	(8)	ared 4	it Bar Mac Breaker			(f)	1,235 tons	prepared at L	iamond Brea	ker - Distri				

16,865 tons prepared at Pine Ridge Breaker - District 27 Abandoned October 31, 1962

6,984 tons prepared at Pine Ridge Breaker - District 27 All coal prepared at Glen Burn Breaker - District 24 All coal prepared at D. & Z. Breaker - District 24

0 T 0 (P)

731 tons prepared at Diamond Breaker - District 20 All coal prepared at Diamond Breaker - District 20

10,922 tons prepared at Pine Ridge Breaker - District 27 All coal prepared at St. Nicholas Breaker - District 27 All coal prepared at Pine Ridge Breaker - District 27 1,073 tons prepared at Diamond Breaker - District 20

				Product	Production - net tons	tons		Pounds					
			-		2019	llead at		nermis-					Non-
				. manhan	200	001110		ethle over	Dounde			Fatal	fatal
			solipped to market	market :	02	colliery		E DECTE	Loginas			70707	10.01
			a By	By :	local	for steam	Total :		dynamite	Days	-Idma	-ubl- acc1-	acc1-
Operators and Colliberies		County	: railroad	truck	trade	and heat	production:	nsed	nsed	worked	oyes dents	dents	dents
Ace Coal Sales													
Ace Breaker	BP	Northumberland			1		•			68	3	1	•
Bar Mac Coal Co., Inc.													
Bar Mac Breaker	ВЬ	Northumberland	1	1	1	•	1	1	1	306	7	1	1
Bellaire Coal Sales										1			
Bellaire Washery	×	Northumberland					•			196)	2	1	1
Bellaire Breaker	ВЬ	Northumberland	-		1	-		-				1	•
Total			-		-	•	-	-	1		7	1	1
Boslego Coal Co.													
No. 4 Rock Slope	D	Northumberland	5,752	5,199	1,938	1	12,889 b	4,500	9	234	ß	1	-
D. & Z. Coal Co.													
D. & Z. Breaker	Bb	Northumberland		1	1	•			•	307	=	1	•
Diminick Coal Sales													
Diminick Breaker	Bb	Northumberland		1	ı	1	•		•	307	7	1	•
Duke Associates	i					-		000		000	•		
No. 4 Rock Slope	NA CA	Northumberland	300	1,404	4,341	20	6,131 c	2,900		282	n	ı	•
Gap-Anthracite Co.	o	Monthsmhanland								100	8		1
Glen Burn Colliery	n 2	Northwestand	44 000	67 043	22 468	340	140 047	188 368	18. 280	100	220		**
Mest Drift	5	Northumberland	77 000	67 043	23 46.8	340	160 047	188 368	18 380	130	322		44
10001			111122	2000	2000	71000	100124	4772707	401000		244		
Glosek Bros. Coal Sales										-	•		
Glosek Breaker	ВЬ	Northumberland		1	1	1	1	1	ı	300	00	1	1
Hoover Coal Mining Co.													
Hoover Breaker	ВЬ	Northumberland	1	ı	ı	ı	1	1	ı	300	4	1	•
K. & D. Coal Co.													
K. & D. Breaker	Bb	Northumberland		1	ı	1	1		1	273	4	1	•
Lower Region Colliery													
Lower Region Breaker	ВЬ	Northumberland	•	•	1		D I		1	41	'n	1	
North Line Coal Co.													
Burnside Strip	S	Northumberland	4,650		5,465		10,115 e	45,520	2,350	226	7	1	~
Reidinger Coal Service													
Reidinger Breaker	BP	Northumberland	•		1	1	1	1	1	188	6	1	-
Rosini Coal Co.													
Carbon Run Breaker	ВР	Northumberland	•	1	1				1	281	28	1	4
Split Vein Coal Co.													
Split Vein Breaker	BP	Northumberland	1	1	ı	1	1	1	1	308	=	1	5
Steam Coals, Inc.													
North Line Breaker	BP	Northumberland		1	1		1		1	185	ผ	1	er)

at ; permis- steam Total ; phormis- heat production: used - 49.879 f					Product	District 24 Production - net tons	tons		Pounds					
						Sold	Used at		permis-					Non-
1 10cc 1 1 1 1 1 1 1 1 1				s Shipped to	market :	to	colliery	••	sible ex-	Pounds			Fatal	fatal
				s By	By :	local	for steam		plosives	dynamite	Days	Days Empl- acci-	acci-	acci-
### BP Northumberland ####################################	Operators and Collieries		County	: railroad	truck:	trade		production:	nsed	nsed	worked	oyes dents	dents	dents
ers BP Northumberland	Swift Coal Sales													
### Northumberland	Swift Breaker	ВР	Northumberland		1	1			1	1	307	9	1	1
ct Total	Yudacufski Brothers													
S - Stripping Sk - Bank	Neilson Bank	pk	Northumberland	-	49,879	-	-	49,879 f	-	-	147	2		1
ct Total 87,867 123,525 35,20 St. 120,525 35,20 St. 120,525 35,20 St. 120,525														
S - Stripping bk - Bank ontined operations in March 1962 af the areased at Glan March March Researe	District Total			87,867	123,525	35,209	1,360	247,961	208,285	18,300	213	213 479	1	28
S = Stripping bk = Bank ontinued operations in March 1962 88 tons orsessed at Glan Burn Brester				-	-	-		-				-	-	-
r e	DM - Deep Mined	S	Stripping	bk - Bank		B	Breaker	BP - 1	Breaker Prep	paration Onl	^	*	W - Washery	hery
i.e	NOTE. (a) Discontinued or	0.000	os to March 1062			(9)	Bresker hi	out of bear	d to Eshrinar	c 1062				
	(b) 12,798 tons pre	pared	at Glen Burn Breaker	l.		()	All coal p	repared at No.	rth Line Bre	aker				
	91 tons prepare	d at A	ce Breaker			(£)	All coal s	thipped unprep	ared to Merc	k Chemical	ç,			

	ı		•		•		•		•		ı		2	
			•		,		,				•		•	
	19		œ		9		Ξ		14		œ		40	
	240		220		80		212		264		286		295	
	ı		4,000		•		1		ı		•		ı	
			35,000		•		•		63,300		•		32,400	
	,		32,560 a		α •				40,773 c		•		P 090.66	
	,				•		•		487		,		400	
	•		1,102						3,468		•		7,298	
			11,346		1		•		8,376				24,246	
	٠		20,112		•				28,442				27,116	
	Schuylkill		Schuy1k111		Schuylk111		Schuylk111		Schuylkill		Schuylk111		Schuylkill	
	æ		s		ВЪ		Breaker BP		S		Bb		ð	
Anthonolis Clas Colls Too	Donaldson Colliery	BrenBar Contracting Co.	Branchdele Strip	Echo Valley Co.	Echo Valley Breaker	Franklin Coal Co.	p	Gavalis Co., Joseph	Swatara Strip	Hegins Mining Co.	Hillside Breaker	Herb & Reed Coal Co.	Diamond Vein Slope	Indian Head Coal Co.

All coal prepared at D. & Z. Breaker

(°

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300

62,400

85,766 f 4,595 e

3,978

41,368

Schuylkill Schuylkill

Primrose Slopes K. & D. Coal Co. No. 4 Vein Slope

* *

8 - 23 8 22 8

63

20,680

991,788

22,627 125,726 148,353

74 743 300 300

912

10,031

11,610 64,381 75,991 40,120 2,462

Schuylkill Schuylkill Schuylkill

ωžω

Indian Head Breaker Indian Head Bank Indian Head Strip Tewell Ridge Coal Co.

Total

5,968

			1		Sold	Used at		permis-					Non-
			Chinned +0 member	morkot .	+	collian		ethle ev-	Dounde			Foto)	fa+a1
			nadding :	Market :	0.	COLLIELY	1.4.5	STOTE CX	- Collids	-	-	Toron	19191
			1 By	By a	local	ror steam	lotal :	plosives	dynamite	Days	Emp1-	Empl- acc1-	acc1-
Operators and Collieries		County	: railroad	truck:	trade	and heat	product ion:	nsed	nsed	worked	oves	dents	dents
Koch's Coal Co.													
Koch Breaker	Bb	Schuy1k111		ı	ı				•	307	ຄ	1	•
Lengel Coal Co.													
No. 1 Vein Slope	M	Schuylkill			5,270	23	5,292 g	3,600	1,	112	ω	٠	•
Licoma coal co., inc.	i				:	:							
No. 2 Vein Slope Lincoln Anthracite Co.	N C	Schuylkili	1,860	1,610	118	12	3,600 e	2,600		103	മ	•	ı
Lincoln Anthracite Breaker B	B	Schuvlkill		•	•	•	•		•	198		•	•
Lincoln Bank	þ	Schuylkill	66.583	-	•		66.583	•	•	198	(0)	•	1
Total			66,583	1			66,583 h				15	1	-
M. & M. Coal Co.													
No. 1 Vein Slope	ď	Schuylkill	4,290	3,862	148	58	8,328 •	2,300	•	257	00	1	-
Nagle, Inc., W. Joseph		0-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	021		000		000						
Ontropy Con Co Tro	n	scnuyıkııı	14,178	0666/	389	•	22,523 8	ı	ı	190	-	ı	
Oakwood Breaker				1	•	١	١	1		264	α		
Parkway Anthracite, Inc.)		
Parkway Breaker	BP	Schuy1k111		•	ı	•	•	•	1	38	9	1	•
Penag Coal Co.													
Penag Breaker	m	Schuylkill	•		ı	٠	1	1	1	246		1	١
Penag Colliery	ď	Schuylkill	73,559	12,000	79,264	1,500	166,323	51,350		246	104	1	13
Total			73,559	12,000	79,264	1.500	166,323 1	51,350	-		139	'	13
Potts Contracting Co.													
Potts Breaker	ВР	Schuy1k111		1				•	ı	200	7	ı	١
Rottom Split Slone	2	Schivibili		780	4 137		4 700 a	000	1	787	4		
Renninger Coal Co., Inc.								2006	ı		•	1	1
Buck Mountain Slope	DM	Schuylkill	11,116	10,272	3,986	208	25,582 k	12,450	1	290	28	١	2
Schneck Coal Co., Thomas W.													
Schnecks Breaker	ВЬ	Schuylkill	•	ı	1		•	1	1	313	14	1	•
Shally Construction Co.													
Red Mountain Strip	S	Schuylkill	6,530	3,520	427		10,477 a	2,300	•	284	4		ı
Spancake & Herring													
Buck Mountain Slope	ď	Schuylkill		9,268	2,028	500	11,496 1	13,000	•	270	9	1	ı
Swatara Coal Co.													
Swatara Breaker	Bb	Schuylkill		ı	ı	ı	ı	ı	ı	588	50	ı	ı
No 1 Value 61000	70	Cahundada	007		0,00	ć					•		
adors man a con	10	Schuytkill	7,020	1,860	305	38	4,880 6	2,150	ı	707	0	1	

Pounds

				Product	District 25 Production - net tons	tons		Pounds					
			: Shipped to market : By By	market : By :	Sold to local	Used at colliery for steam	Total	permis- sible ex- plosives	Pounds	Days	Emp1-	Fatal Empl- acci-	Non- fatal acci-
Operators and Collieries		County	: railroad	truck:	trade	and heat	production:	pesn	nsed	worked	oves	dents	dents
Valosin Coal Co. Blackwood Strip	w	Schuylkill	096	460	44	1	1,464 a	,	1	25	e	'	'
Middle Split Slope	DM	Schuylkill	7,226	9,142	066	06	17,448 m	4,700	1	316	00	1	1
Zimmerman Coal Co. Buck Mountain Slope	DM	Schuylkill	8,680	8,680	4,340	1	21,700 n	14,000	•	247	12		2
District Total			391,845	226,214	123,599	4,052	745,710	1,304,138	24,680	247	594	-	27
DM - Deep Mined	S	S - Stripping	bk - Bank		B - Breaker	aker	BP - Bre	BP - Breaker Preparation Only	ation Only		*	W - Washery	ery
NOTE: (a) All coal prepared at Donaldson (b) Formerly Tremont Breaker of Fre (c) 25,000 tons prepared at Donaldson 20,773 tons prepared at Donaldson (d) 32,240 tons prepared at Edition 12,318 tons prepared at Discon 5,176 tons prepared at Discon 5,209 tons prepared at Discon 2,029 tons prepared at Didexton 2,029 tons prepared at Locks Bandon 2,029 tons prepared at Locks Bandon 2,03 tons prepared at Column (f) 64,325 tons prepared at Rocher (f) 64,325 tons prepared at Kocher (f) 64,325 tons prepared at Kocher (f) 64,325 tons prepared at Rocher (f) 64,325 tons prepared at Rocher (f) 64,325 tons prepared at Rocher (f) 64,286 tons prepared at Live 04	ared at repared repared repared epared at repared repa	All coal propared at Donaldoon Breaker Formerly Tremout Breaker of Tremont Coal Co. worked D2 days with 4 employes 20,000 (100 as prepared at Donaldoon Breaker 20,200 (100 stoppased at Canada Breaker 20,200 (100 stoppased at Sentara Breaker 20,200 tons prepared at Sentara Breaker 20,200 tons prepared at Sentara Breaker 10,100 tons prepared at Mencar Breaker 20,200 tons prepared at Mencar District 20 20,200 tons prepared at Holder Office Breaker 30,103 tons prepared at Holder Breaker 30,103 tons prepared at Holder Breaker 64,220 tons prepared at Mencar Ereaker 11,153 tons prepared at Mencar Ereaker 11,154 tons Ereaker 11,155 tons prepared at Mencar Ereaker 12,155 tons prepa	Co. District 21 er - District 30 District 24 District 24 ker - District 21 District 24	0 77	995 £ £££6	All coal prepared at Underkoffler Breaker - District 30 All coal prepared at Lincoln Anthracite Breaker All coal prepared at Lincoln Anthracite Breaker All coal prepared at Old Mill Breaker District 21 2,367 tons prepared at Indian Head Breaker District 16 2,368 tons prepared at Mill Breaker District 16 2,368 tons prepared at DiRenco Breaker District 21 2,557 tons prepared at Schercks Breaker All Coal prepared at Schercks Breaker	ed at Underk red at Lincol, red at Old Mil pared at Old Mil ared at Score ared at Score ed at Schneck ed at Schneck	Anthracite Anthracite Breaker - I. Breaker - II Breaker -	Breaker Breaker District 21 ker District 16 District 16 District 2	30			
				Dis	District 26								
Buck Mountain Slope	DM	DM Schuylkill	1,269	1,057	1,915	1	4,241 a	1,100	ı	267	ιΩ	1	7
Altamont Breaker	ВР	Schuylkill	1	1	1	1	•	1	1	268	ო	1	١
Atkins Breaker	ВР	Schuylkill	•	•	•	1	ı	1	•	19	α	1	1
Buck Mountain Slope	DM	Schuylkill	112	93	169	•	374 a b	100	•	69	ĸ	ı	١
Blaschak Coal Co. Blaschak Breaker	BP	Schuylkill		1	1		•	•	٠	161	10	٠	1

				Product	District 26 Production - net tons	tons		Pounds					
			: Shipped to market	market :	Sold	Used at		permis- sible ex-	Pounds			Fatal	Non- fatal
Operators and Collieries		County	By By	By :	local	for steam	Total : production:	plosives	dynamite	Days	Empl- acci-		acci-
Boner & Webb Coal Co.	2	Schmitt 111	629	AC.A.	044		,	8		176	1		
Coleby Coal Co., Inc.	Š	Schoyletti	070	470	1	ı	2,090 4 5	000	•	1/0	n	ı	ı
Candlemas Bank W	ρķ	Schuylkill	20,325	ı	ı	1	20,325	1	ı	146	14	٠	1
Englewood Coal Co.	ВР	Schuylkill	1	1	1	1		1	1	211	4	1	ı
Skidmore Slope	DM	Schuylkill	1	1,733	1,921	•	3,654 d	750	ı	276	ın	1	ı
Carrity, Michard Tunnel Ridge Bank	ğ	Schuylkill	1	19,995	ı	1	19,995 e f	ł	ı	62	ω	•	•
No. 6 Slope	Di	Schuylkill	1	899	1,558	1	2,226 g h	1,700	ı	67	9	1	٠
Split Slope	A	Schuylkill	501	417	751	,	1,669 a	975	,	224	ın	1	ı
Locust Valley Coal Co., Inc. Mt. Hazle Breaker	щ	Schuylkill	1	1	1			,	1	180	ω	١	
Mountainside Bank	рķ	Schuylkill	416	2,164	5,240	120	7,940	-	-	180	8		1
Mazaika Bros. Coal Co.			410	2,104	2,240	120	1,340	-			10	-	1
Mazaika Breaker	ВР	Schuylkill	1	1	ı	1		ı	ı	305	ო	ı	1
New Boston Strips Primrose Strips	s s	Schuylkill Schuylkill	11,995	10,723	8,871	1 1	31,589	3,500	9,200	238	2 3	1	m
Total	,	***************************************	13,031	11,650	9,637		34,318 1	3,500	9,200		36	1	m
Peca Coal Co., Inc. Lehigh-Park Breaker	ш	Schuy1ki11			,	,			1	233	36	- 1	
Peca Shaft	DM	Schuylk111	19,356	17,306	14,315		50,977	57,500	10,250	233	120	1	23
Disagant Hill Coal Co.			19,356	17,306	14,315		20,977	57,500	10,250		138	1	23
Skidmore Slope Reading Anthracite Co.	DM	Schuylkill	2,318	2,157	1,813	1	6,288 1	2,500	ı	250	9	1	ı
St. Nicholas Central Breaker BP	er BP			1	1	ı	ı	1	1	203	214	1	50
St. Nicholas Slush Dam Bank	ık bk	Schuylkill	105,868	ı	ı	ı	105,868	ł	ı	232	10	ı	ı
Central Pump & Steam Plant		Schuylkill		ı	ı	ı	ı	ı	ı	182	6	ı	1 -
Maple Hill Cleaner Plant	Ç	Schuylkill	100	1 .	1 0	ı		ł	ı	197	21	ı	-
Watcheshorkes Chains	n u	Schuylkill	20,867	4,189	8,522	1 -	33,578 h	ı	1 4 5 5	9 6	37	ı	ı
Shenandoah Strips	o so	Schuylkill Schuylkill	81,152	16,293	33.144	377	130,966 €	1 1	3,017,831	0 0	11.5	۱ -	1 1
Total			273,380	33,631	68,415	477	375,903		3,290,834		440	-	28

				**	Sold	Used at		permis-					Non-
			s Shipped to market	market:	to	colliery	. 60	sible ex-	Pounds		щ	Fatal	fatal
			By	Bv	local	for steam	Total : p	olosives	dynamite	Dave	Empl- acci-	1 00	2006
Operators and Collieries		County	: railroad	trucks	trade	and heat	on:	nsed	used	worked	oves	dents	dents
	MG	Schuylkill	38	3,041	5,898	-	8,977 j k	000,9	,	233		-	'
Royal Anthracite Coal Co. Royal Breaker	å	Schuylkill	ı	١	1			١	١	12	ო	١	
lope	DM	Schuylkill	1,281	1,068	1,922		4,271 a	3,075	300	278	7	•	'
	DM	Schuylkill	•	578	1,120	1	1,698 9	009	1,000	235	٤n	١	'
Skytop Coal Co., Inc. Skytop Breaker	BP	Schuylkill		١	•	1		1	1	101	10	٠	'
	ВР	Schuylkill		١	•	•		٠	•	245	2	١	
Lykens Slope	DM	Schuylkill	377	1,179	2,243	1	3,799 1	7,050	١	251	9	•	
	ВР	Schuylkill		•	•	-	-	-	1	305	S	٠	1
District Total			333,032	97,261	117,861	597	548,751	85,400 3	85,400 3,311,584	186	783	2	%
DM - Deep Mined	u S	S - Stripping	bk - Bank		g .	B - Breaker	BP - Bre	iker Prepar	BP - Breaker Preparation Only		3	W - Washery	ery
NOTE: (a) All cost prepared at Skytop Breaker (b) Gessad operations in May 1962 (c) Cessad operations in Say 1962 (d) 5200 tons prepared at Westers Ereaker (e) 2400 tons shipped direct to Merch Chemical Co. 1,018 tons prepared at Valley Breaker (a) 2400 tons shipped direct to Merch Chemical Co. 11,325 tons prepared at Barry Mahery - District 24 6,620 tons prepared at Spitt Vein Breaker - District 24	at Si in Ma in Se d at d dire	yytop Breaker by 1962 ptember 1962 Wessner Breaker Walby Breaker ect to Merck Chem : Barry Washery -	ical Co. District 24 er - District 24			eased operation of the control of th	Ceased operations in June 1962 All coal prepared is Blaschak Breaker Ceased operations in April 1962 In coal prepared at Blaschak Breaker Bl. St. Act one prepared at Blaschak Breaker Ceased operations in December 1962 Ceased operations in December 1962 J. 254 tons prepared at Blaschak Breaker 1,255 tons prepared at Blaschak Breaker 1,255 tons prepared at Blaschak Breaker	Breaker 52 52 ix Breaker ix Breaker 6aker 1962 ix Breaker 1862					

	9 0	1,725 6,726 1,154 - 9,605 b 20,000 - 283 15 -	2
	- 28	- 28	č
	8,500	20,000	
	4,280 a	9,605 b	
	١	•	
District 27		1,154	
Dis	•	6,726	
	4,280	1,725	
	Schuylkill	Schuylkill	Cohmittell
	MG	DM	DD
B. & O. Coal Co.	B. & O. Mine	No. 3 - 4 Slopes No. 3 - 4 Slopes DM Schuylkill	Does Bresker

1 1 8

Contract Contract Country Co					Production		- net tons		Pounds					
County C						Sold	Used at		permis-					Non-
Schwylkiii				+ Shinned +	o market .	+	colliery		sthle ev-	Pounds	,			fo+01
Schwylkiii				By	D. Ad	1001	for eton	Tatal	200100	diment h	0	E		10001
######################################	Operators and Collieries		County	railroad	trucks	trade	and heat	production:	used	uynamite	Worked		dente	dente
S Schwylkiii 191722 171206 41517 366 41511 - 545,400 248 41 545,400 248 41 545,400 248 41 545,400 248 41 545,400 248 41 545,400 248 241 545,400 248 241 545,400 248 241 545,400 248 241 545,400 248 241	Capparell Stripping & Constr	uction	Co.,	20 673	25. B42	7 183		62 549			970			
DM Schuylkill 1,511 14,954 11,324 - 17,789 d 31,150 - 245,400 51 - 614 - 17,789 d 31,150 - 255,400 51 - 614 - 17,789 d 31,150 - 254 7 - 614 - 17,789 d 31,150 - 254 7 - 614 - 17,789 d 31,150 - 254 7 - 614 - 17,789 d 31,150 - 254 7 - 614 - 17,789 d 31,150 - 254 7 - 614 - 17,789 d 31,150 - 254 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Kohinor Strips	S	Schuylkill	19,722	17,206	4,617	366	41,911		545.400	248	40		1 4
DM Schuylkiii				49,295	43,048	11,770	366	104,479 c		545,400		51		4
DM Schuylkiii 1,511 14,954 1,324 - 17,789 d 31,150 - 255 18 - 255 18 - 256 billows Enhylkiii 6,690 4,290 614 - 11,789 d 11,000 - 294 7 - 294	Dando Coal Co.													
DM Schuylkiii 6,690 4,290 614 - 11,994 f 11,000 - 294 7 - 0 DM Schuylkiii 6,690 4,290 614 - 11,994 f 11,000 - 264 16 - 0 BP Schuylkiii 34,433 22,033 3,165 - 39,711 - 4,637,696 24 16 - 0 DM Schuylkiii 3,984 34,010 12,068 2,192 - 18,711 b 32,100 - 289 14 - 0 Schuylkiii 3,984 34,010 12,048 - 50,042 i 114,000 - 289 14 - 0 DM Schuylkiii 2,265 4,945 1,952 - 18,710 6 6,575 - 296 12 - 0 DM Schuylkiii 2,265 4,945 1,952 - 19,162 3 3,500 - 29,2 9 - 0 DM Schuylkiii 2,265 4,945 1,952 - 17,160 9 6,575 - 29,0 1 2 - 0 DM Schuylkiii 3,984 34,010 12,048 - 6,281 k 6,900 - 29,0 1 2 - 0 DM Schuylkiii 3,984 34,010 12,048 - 0,042 i 114,000 - 29,0 1 2 - 0 DM Schuylkiii 3,984 34,010 12,048 - 0,042 i 114,000 - 29,0 1 2 - 0 DM Schuylkiii 3,984 34,010 12,048 - 0,042 i 114,000 - 29,0 1 2 - 0 DM Schuylkiii 1,0,296 5,148 1,716 - 17,160 9 6,575 - 29,0 1 2 - 0 DM Schuylkiii 1,0,296 5,148 1,716 - 17,160 9 6,575 - 20,0 1 2 - 0 DM Schuylkiii 1,0,296 8,148 1,716 - 17,160 9 6,575 - 20,0 1 2 - 0 DM Schuylkiii 1,0,296 8,148 1,716 - 11,160 9 6,575 - 20,0 1 2 - 0 DM Schuylkiii 1,0,296 8,148 1,716 - 11,160 9 6,500 - 29,0 1 2 - 0 DM Schuylkiii 1,0,296 8,148 1,716 - 10,000 - 30,0 1 10 - 0 DM Schuylkiii 1,000 - 30,0 8,452 - 0,000 - 30,0 1 10 - 0 DM Schuylkiii 1,000 - 30,0 8,452 - 0 1,0,000 - 30,0 1 10 - 0 DM Schuylkiii 1,000 - 30,0 8,452 - 0 1,0,000 - 30,0 1 10 - 0 DM Schuylkiii 1,000 - 30,0 8,452 - 0 1,0,000 - 30,0 1 10 - 0 DM Schuylkiii 1,000 - 30,0 8,452 - 0 1,0,000 - 30,0 1 10 - 0 DM Schuylkiii 1,000 - 30,0 8,452 - 0 1,0,000 - 30,0 1 10 - 0 DM Schuylkiii 1,000 - 30,0 8,452 - 0 1,0,000 - 30,0 1 10 - 0 DM Schuylkiii 1,000 - 30,0 8,452 - 0 1,0,000 - 30,0 1 10 - 0 DM Schuylkiii 1,000 - 30,0 8,452 - 0 1,0,000 - 30,0 1 10 - 0 DM Schuylkiii 1,000 - 30,0 1 10 - 0 DM Schuylkiii 1,000 - 30,0 1 10 - 0 DM Schuylkiii 1,000 - 30,0 1 10 - 0 DM Schuylkiii 1,000 - 30,0 1 10 - 0 DM Schuylkiii 1,000 - 30,0 1 10 - 0 DM Schuylkiii 1,000 - 30,0 1 10 - 0 DM Schuylkiii 1,000 - 30,0 1 10 - 0 DM Schuylkiii 1,000 - 30,0 10 10 10 10 10 10 10 10 1	No. 12 Rock Slope Deitrich & Ebert Coal Co.	DW	Schuylkill	1,511	14,954	1,324	1	17,789 d	31,150		255	18	١	'n
Simple Discription Simple Discri	No. 2 -3 Slopes	MG	Schuylkill	892	2,986	1,000	1	7,878 e	10,100	1	294	7	•	1
Total Schwylkiii	No. 90 - 91 - 92 Slopes	M	Schuy1k111	06969	4,290	614	1	11,594 f	11,000	•	264	16	•	-
Total By Schwylkiii 34,443 22,093 3,165 250 304,138 Total Schwylkiii 34,443 22,093 3,165 250 304,138 250,138 250,244 12,638 12,638 12,638 12,638 250 304,138 250,138 250 304,138 250,138	Connerton Drift - #1 Slope Gilberton Coal Co.		Schuylkill	5,231	2,766	888	1	8,885 9	6,170	١	717	0	1	е
Schuyikiii	Gilberton Breaker	ВР	Schuylk111	1	1	ı	1		1	1	139	88	1	11
Total S Schuyikiii 175,488 112,531 15,864 250 304,138 - 4,637,656 241 127 - 1	Gilberton Banks	pk	Schuylk111	34,453	22,093	3,165		59,711	•	1	154	13	١	1
DM Schuyikiii 3,261 3,261 h 1,100 - 86 11 - 050 schuyikiii 3,761 18,71 b 32,100 - 289 14 - 050 co. Co. Asker Co. Co. Asker Co. Asker Co. Co. Asker Co. Co. Co. Co. Co. Co. Co. Co		S	Schuylkill	209.941	112,531	15,869	250	304,138		4,637,696	241	127	1	15
DM Schuylkill 3,261 3,261 h 1,100 - 88 11 0,000												-		
DM Schuylkill 3,471 12,608 2,192 - 18,771 b 32,100 - 289 14 - 20,000	Harmon Slope Hatter Coal Co.	DW	Schuylk111	3,261	1	1	1	3,261 h	1,100		88	11	1	1
# Meuntain Slopes DM Schuylkill 3,984 34,010 12,048 - 50,042 1 114,000 - 254 45 - 60.00. **Neuntain Slopes DM Schuylkill	No. 1 - 2 Slopes	DM	Schuylkill	3,471	12,608	2,192	1	18,271 b	32,100	٠	289	14	١	٠
Schuylkill	No. 3A - Buck Mountain Slo	pes Di	M Schuylkill	3,984	34,010	12,048	•	50,042 1	114,000	•	254	45	١	ø
Schuylkill	Hill Vue Coal Co.													
Opes DM Schuylkill 2,265 4,945 1,922 - 9,162 3,500 - 258 12 - Slope DM Schuylkill 10,296 5,148 1,716 - 17,160 6,575 - 259 12 - Y M Schuylkill - 4,396 1,885 - 6,281 k 6,900 - 292 9 - Y M Schuylkill 13,149 - 2,200 2 2 2 2 2 2 2 2 2 1 - 2	Hill Vue Breaker Hoover & Reed Coal Co.	Вр	Schuylkill	1	1	ı	•	1	•	•	220	2	•	•
Slope DM Schuylkill 10,296 5,148 1,716 - 17,160 g 6,575 - 259 12 - 18	No. 1 - 2 Slopes KOR Coal Co.	DM	Schuylkill	2,265	4,945	1,952	1	9,162 5	3,500	ı	258	12	1	7
PM Schuylkill - 4,396 1,885 - 6,281 k 6,900 - 292 9 - Y M Schuylkill 13,149 - - 240 2 - 2 2 2 2 - 2 -	Packer No. 3 Slope KRG Coal Co.	DW	Schuylk ill	10,296	5,148	1,716	1	17,160 g	6,575		259	12	٠	٠
7 M Schuyikili 13,149 - 240 2 - 240 1	KRG Slope	DM	Schuylkill	1	4,396	1,885	1	6,281 k	006*9	ı	292	6	1	١
Total bk Schuylkill 13,149 13,149 1 - 240 1 - 3	Barry Washery	æ	Schuylkill		•		1		ı	,	240	2	ı	,
Total DM Schuylkill 180 360 8,432 - 8,932 16,000 - 301 10 Total	Bank	pķ	Schuylkill	13,149	-	1	-	13,149 1			240	7	-	١
T BP Schuylkill 180 360 8,452 - 8,592 16,00 - 301 Total 180 360 8,452 - 8,592 m 16,000 - 301				13,149		-	-	13,149				9	-	'
Total	Malho Breaker	B	Schuylkill Schuylkill	1 -	1 6	1 2	1	000	1 000	٠	301	ยรั	1	1 4
		E	111111111111111111111111111111111111111	180	360	8,452		8,992 m	16,000		100	2		n

				Product	District 27	tons		Pounds					
					Sold	Used at		nermis-					None
			: Shipped to market	market :	to	colliery	• ••	sible ex-	Pounds			Fatal	fatal
			a By	By s	local	for steam	Total	plosives	dynamite	Davs	Emp1-	Empl- acci-	acci-
Operators and Collieries		County	railroad	trucks	trade	and heat	production:	nsed	nsed	worked		dents	dents
Mammoth Coal Co.													
Mammoth Strips	S	Schuylk111	179,218	90,350	29,447	854	299,869 9	299,869 g 1,668,224	1	264	29	1	4
McDonald, Joseph													
McDonald Strips	S	Schuylkill	1,201	624	10	ı	1,895 n	100	ı	77	7	1	ı
Mercury Coal Co.	-						0.00	000					
No. 4 Slope	-	DM Schuylkill	6,190	24,763	ı	1	30,953 0	32,750		294	34	1	7
Mercy Coal Co.			000								,		
Mercy Slope	1	DM Schuylkill	12,589		ı		12,589 a	4,200	ı	308	9	1	
Wetzinger Coal Co. #													
Maler Level Dill -	7	Na Sehmilti	0 836	2	808	c	18 060 2	8		000	•	c	
Miller Coal Co	-	Schuytkitt	00066	2,000	200	2	11 700 601	000 %		730	^	2	
Millor Close	D. V.	Ou Cohmiltill	507	0 270	F00		0 063 =	48 000		000	o		
Miller Stope	-	Schuytatta	160	2/260	424		d 20666	42,900		305	0	1	
Neumerster's coar co.	-				-			-		-	,		
No. 2 - 3 Slopes	M	DM Schuylkill	ı	4,425	712	1	5,137 q	2,700	1	586	9	1	ı
Pine Ridge Mining Co.													
Millersville Breaker	BP 6	Schuylkill	1			•	•	1		162	22	•	1
Banks	pk	Schuylkill	690°9	3,152	351	1	9,572		1	162	7		
Total			690.9	3,152	351		9,572 n	1	1		8		
Reading Anthracite Co.													
Buck Run Strip P-38	S	Schuvlkill	15,971	3,207	6.523	•	25,701	1	88.510	120	31	1	-
Buck Run Strip P-45		Schuylkill	82.827	16.629	33,828		133.284		3,703,281	288	8		• 0
P-45 Cleaner Dlant		Schivikill								101	α		
Do++e S+rin 4-58	iu	Columbia	2.850	677	1.165		4 587		7 750	12	9 8	1	1 1
Total			101.648	20.408	41.516	-	163.572 r		3.889.541		8		1
Reichwein & Beury Coal Co.													
Reichwein & Beury Breaker	ВР	Schuylkill		•	ı	1	•	1	1	252	'n	1	1
Rickert Bros. Coal Co.													
No. 4 - 5 - 6 Slopes	DW	Schuylkill		10,224	9,420		19,644 \$	23,200		308	52	•	1
S. & M. Coal Co.													
S. & M. Slope	DW	Schuylkill	266	5,124	549	1	6,670 t	10,400	1	295	7	1	1
Schwartzlander Coal Co.													
No. 1 Slope	M	Schuylkill	2,668				5,668 &	4,700	•	270	S	1	ı
Smith Slope	DW	Schuvlkill	1.954	7.820	692	•	10.466 ±	16.600		204	Ξ	1	ı
Walaitis Coal Co.													
Water Level Drift-#2 Slope	ð	Schuylkill	138	6,430	346	1	6,914 u	7,050		291	7	1	ı
Mest mest coal co., inc.	2									.00			•
No. 1 - 2 Stopes	3	Schuylkill	•	69165	4,935		14,100 v	2,140	•	301	07	1	4

				Product	Production - net tons	tons		Pounds					
					Sold	Used at	-	permis-					Non-
			s Shipped to market	market :	to	colliery	••	sible ex-	Pounds			Fatal	fatal
			By By	By :	local	for steam	Total : plosives	plosives	dynamite	Days Empl- acci- acci-	Empl-	acci-	acci-
Operators	Operators and Collieries	County	: railroad	truck:	trade	and heat	production: used	nsed	pesn	worked oyes dents	oves	dents	dents
White Birch Buck Mour	White Birch Coal Co. Buck Mountain Slope	DM Schuylkill	11,502	5,751	1,917	1	19,170 9	009.6	-	260	260 16	'	4
	District Total		653,478	475,469 155,484	155,484	1,490	1,490 1,285,921	2,102,559 9,072,637	9,072,637	237	831	ო	71
DM - Deep Mined	Mined	S - Stripping	bk - Bank		B - 1	B - Breaker	B - B	BP - Breaker Preparation Only	ration Only			W - Washery	shery
NOTE: (b) (c) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d		All coal prepared at Donaldson Breaker - District 25 All coal prepared at Suparion Ereaker - District 16 All coal prepared at Suparion Ereaker - District 21 15,110 tons prepared at Live on Breaker - District 21 2,679 tons prepared at Most Surion Breaker - District 21 2,679 tons prepared at Most Surion Breaker - District 21 2,679 tons prepared at Hillside Breaker - District 21 3,670 tons prepared at Hillside Breaker - District 21 3,670 tons prepared at Miles Most Breaker - District 21 3,671 cons prepared at Miles Most Breaker - District 25 All coal prepared at Most Breaker - District 22 4,111 coal prepared at Most Breaker - District 22 4,111 coal prepared at Most Breaker - District 16 15,520 tons prepared at Hillide Breaker - District 16 15,520 tons prepared at Millide Breaker - District 25 Previously reported as a small mine	District 25 District 16 - District 21 - District 21 District 22 cessed operati	21 ons	£ \$5850 658535	1,016 tons p 2,924 tons p 2,924 tons p 2,924 tons p 5,522 tons p All coal pred by All coal pred p 3,096 tons p All coal pred p 1,097 tons p 2,097 tons p All coal pred p 1,097 tons p 2,097	(4) 1,016 tons prepared at Donaldson Reaker - District 25 2,924 tons prepared at Black fleath Reseder - District 24 2,924 tons prepared at Black fleath Reseder - District 24 (All coal prepared at Hillied Breaker - District 24 (I) Operated by Koury Coal Co. until November 1962 (a) All coal prepared at Milho Reaker (n) All coal prepared at Milho Reaker (n) All coal prepared at Milho Reaker - District 16 27,897 tons prepared at Milho Reaker - District 16 (All coal prepared at S. Wesler - District 21 (All coal prepared at S. Wesler - District 21 (All coal prepared at S. Wesler - District 21 (All coal prepared at S. Wesler - District 21 (All coal prepared at S. Wesler - District 20 (All coal prepared at S. Wesler - District 20 (All coal prepared at S. Wesler - District 20 (All coal prepared at S. Wesler - District 20 (All coal prepared at S. Wesler - District 20 (All coal prepared at E. Wesler Post 20 (All coal prepared at Familian Resear - District 20 (All coal prepared at Familian Resear - District 21 (All coal prepared at Familian Resear - District 21 (All coal prepared at Familian Resear - District 21 (All coal prepared at Familian Resear - District 21 (All coal pepared at Minesoville Resear - District 21 (All coal pepared at Minesoville Resear - District 21 (All coal pepared at Minesoville Resear - District 21 (All coal pepared at Minesoville Resear - District 21 (All coal pepared at Minesoville Resear - District 21 (All coal pepared at Minesoville Resear - District 21 (All coal pepared at Minesoville Resear - District 21 (All coal pepared at Minesoville Resear - District 21 (All coal pepared at Minesoville Resear - District 21 (All coal pepared at Minesoville Resear - District 21 (All coal pepared at Minesoville Resear - District 21 (All coal pepared at Minesoville Resear - District 21 (All coal pepared at Minesoville Resear - District 21 (All coal pepared at Minesoville Resear - District 21 (All coal pepared at Minesoville Resear - District 21 (All coal pepared at Minesoville Resear - District 21 (All coal pe	ack Heath Bread ack Heath Bread ack Heath Breader side Breader sersuilla November Sersuille Breader Sersuille Breader Northolass Breader (Oak Breader Cohr Breade	wer - District of the control of the	ict 25 trict 21 t 24 21 21 21 21 21 22 22 23 cict 26 52 62 1ct 21			

				Dist	District 28								
	ž	Monde home hom a new	170	77.6	8	c	408	9		71.1	4		
		DIST TOMOTO TON	0/1	213	67	2	407	3		011	Ç	ı	
	DW	Northumberland	3,841	6,705	1,986	12	12,544 c	8,500	200	247	13	ı	8
Big Mountain Area Strip Gowen Coal Co.	S	Northumberland	500	398	294	1	901 d		1	S.	'n	ı	ı
	No.	Northumberland	7,289	11,229	1,182	12	19,712 b e	9,500	450	22	16	ı	-
	DW	Northumberland	290	7,641	6,729	00	14,968 f	4,275	ı	305	10		ı

				Product	District 28	900		Dounde					
			: Shipped to market	o market :	Sold	Used at		permis- sible ex-	Pounds			Fatal	Non- fatal
Operators and Collieries		County	By stailroad	By : truck:	local	for steam	Total :		dynamite	Days	Empl- acci-	acci-	acci-
No. 1 Vein Coal Mine Co.	DM	Northumberland	45	1,409	2,761	6	4,224 g h		150	138	ın.		
Sunshine Breaker	ВР	Northumberland	•	1	ı	1	1	ı	•	295	12	1	2
West Cameron Coal Co. No. 2 Vein Slope	DM	Northumberland	3,655	21,959	593	13	26,220 1	11,550	2,500	294	91	1	4
District Total			15,807	49,616	13,574	57	79,054	36,295	3,300	526	92	1	6
DM - Deep Mined	S	S - Stripping	bk - Bank		m	B - Breaker	BP -	BP - Breaker Preparation Only	ration Onl	_	2	W - Washery	. F.y
NOTE: (a) Operated as man (b) All ceal prepar (c) 2,991 tone prep (d) 2,505 tone prep (d) 447 tone prepar (e) Operated as man	red at l	Operated as small mine until August 15, 1962 2,301 tons prepared at Rosinia Brasker - District 24 2,301 tons prepared at Rosinia Brasker - District 24 2,505 tons prepared at Rosinia Brasker - District 24 1,572 tons prepared at Thomas Brasker - District 24 447 tons prepared at Thomas Brasker - District 24 4044 tons prepared at R. & D. Brasker - District 24 4044 tons prepared at Rosini Brasker - District 24 405 tons prepared at Rosini Brasker - District 24 405 tons prepared at Rosini Brasker - District 24 405 tons prepared at Rosini Brasker - District 24 405 tons prepared at Rosini Brasker - District 24 405 tons prepared at Rosini Brasker - District 24 405 tons prepared at Rosini Brasker - District 24 405 tons prepared at Rosini Brasker - District 24 405 tons prepared at Rosini Brasker - District 24 405 tons prepared at Rosini Brasker - District 24 405 tons prepared at Rosini Brasker - District 24 405 tons prepared at Rosini Brasker - District 24 405 tons prepared at Rosini Brasker - District 24 405 tons prepared at Rosini Brasker - District 24 405 tons prepared at Rosini Brasker -	1962 strict 24 District 24 District 29 District 29 District 24 Strict 24		(6) (1) (2)		repared at Ba pared at Ball prepared at prepared at prepared at prepared at prepared at is small mine is small mine is shipped direct shipped direct prepared at	130 tone prepared at Bar Mac Breaker 11 tons prepared at Bpilite Breaker 4,937 tons prepared at Bpilite Breaker 4,937 tons prepared at Spilit Velh Breaker 4,937 tons prepared at Spilit Breaker - all District 24 1,972 tons prepared at Bar Mac Breaker - bistrict 24 2,243 tons prepared at Bar Mac Breaker - District 24 2,937 tons prepared at Spilit Breaker - District 24 392 tons shipped direct to Jr. Julion N Blomeburgy Pa. 15,979 tons shipped direct to Merck & Co., Dunville, Pa. 9,880 tons prepared at Rosini Breaker - District 24	eer eaker r - all Dis eer - Distr ker , 1962 llon, Bloom	trict 24 ict 24 sburg, Pa ct 24			
Det Constitution				1TO	District 29								
Big Mountain Strip C. & F. General Contracting Co.	S .	Northumberland	2,015	1,804	2,115	8	5,954 a	•	•	150	18	1	1
Renshaw Benk Buck Ridge Strip	S E	Northumberland Northumberland	112	400	1,525	1 1	1,232	' '		% %	7 %	• •	
C. & J. Coal Co.			167	1,201	2,302		3,670 b		-		2	1	1
Buck Ridge Strip Cains Coal Co.	ຜ	Northumberland	3,030	1	891	•	3,921 c	400	•	62	6	1	1
Cains Breaker Chervanik Associates	B	Northumberland		•	ı	٠		•		303	ın	1	~
Hickory Ridge Strip Edgewood Contracting Co.	S	Northumberland	962	855	536	73	2,140 d	•	•	43	10	•	1
Big Mountain Strip	S	Northumberland	78	1,876	1,447	1	3,401 e	•	200	189	9	1	

			Ch population	*****	•	2001 1000		othle ave	Donnella		_	Takal.	fake?
			s Sulphed to market	Market	3 .	COLLIERY		STOTE EX	Founds				ara1
			: By	By :	local	for steam	Total :	plosives	dynamite	Days	Empl- acci-		acci-
Operators and Collieries		County	: railroad	trucks	trade	and heat	production:	nsed	nsed	worked	OVes o	dents	dents
	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0				0				•		
sagon Bank szarski Coal Co.	ž	Northumperland	3,340	,	1,010	•	4,330 0		•	3	4	•	•
Buck, Ridge Bank b	þ	Northumberland	99		19	•	3 28	•		ıΩ	7	ı	1
	DIM	Northumberland	3,750	7,525	10,019	52	21,319 f g	9 13,800	٠	292	12	ı	4
n Slopes	*	Northumberland	1,700	1,510	528	30	3,768 d	1,300	1	202	ຄ	ı	1
	Вр	Northumberland		١	ı	•			ı	303	6	ı	ı
ft	DIM	Northumberland Northumberland		4,260	3,486	1 1	7,746	4,300	2,150	302	1	1 1	1 1
Total				16,160	13,219		29,379 h	4,300	2,150		23		ŀ
Unique Coal Co. Bunker Hill Strip S	S	Northumberland	475	52,538	5,925		58,938 1	400	1	274	0		'
District Total			15,786	83,469	37,774	96	137,125	20,200	2,650	195	103	•	'n
DM - Deep Mined S	S S	S - Stripping	bk - Bank		B - Breaker	aker	BP - Brea	BP - Breaker Preparation Only	ton Only		*	W - Washery	17
1,347 tons prepared at North Line Bres. 1,1915 tons prepared at Kopenhaver Bres. 252 tons prepared at 0. 8. Z. Bresker. 1,170 tons prepared at 0. 13 months beaker, 1,200 tons prepared at 10 mons Bresker, 1,200 tons prepared at Diamond Bresker, 1,200 tons prepared at Diamond Bresker. 241 tons soid to p. p. 8. L. prest Co. 241 tons old to p. p. 8. L. prest Co. 241 tons prepared at Diamond Bresker. 2,3189 tons prepared at Diamond Bresker. 252 tons prepared at Roman Bresker. 205 tons prepared at Roman Bresker. 205 tons prepared at Roman Bresker. 7 tons prepared at Roman Bresker. 7	d at Diam of at Cit Diam of at Ro	2,347 tons prepared at North Line Breaker. 1,915 from prepared at D. 6.Z. Breaker = all District 24 2,22 tons prepared at D. 6.Z. Breaker = all District 24 1,170 from prepared at D. 6.Z. Breaker = District 20 1,200 tons prepared at Thomas Breaker = District 24 1,200 tons prepared at Thomas Breaker = District 24 3,000 tons prepared at Dismond Breaker = District 20 3,100 tons prepared at Dismond Breaker = District 20 3,100 tons prepared at Thomas Breaker = District 24 2000 tons prepared at Thomas Breaker = District 24 7 tons prepared at Dismond Breaker = District 24 7 tons prepared at Dismond Breaker = District 24	r Il District 24 District 20 r - District 20 strict 20 strict 20 District 20 District 24 trict 24	e.	£ 6£ 1		7,646 tons prepared at North Line Breaker 2,310 tons prepared at Roshin Breaker 2,310 tons prepared at Roshin Breaker 2,310 tons prepared at Boilt Vein Breaker 5,910 tons prepared at 5,011 Vein Breaker 5,627 tons prepared at 5,011 Vein Breaker 7,627 tons prepared at 1,012 Me Breaker 7,627 tons prepared at 1,000 Me Breaker 8,110 tons prepared at 1,000 Me Breaker 8,110 tons prepared at 1,000 Me Breaker 8,313 tons prepared at 1,000 Me Breaker 8,313 tons prepared at 1,000 Me Breaker 9,748 tons sold to Merck & Co., Sunbury, Pa. 40,873 tons sold to P. & L. Power Plant, Sunbury, Pa.	openhaver Br openhaver Br ini Breaker a. & Z. Breaker it (ein Brea sek Breaker ar Mac Breaker ar Mac Breaker as Breaker as Co., Surbeaker & Co., Surbeaker & Co., Surbeaker & Co., Surbeaker	esker esker ker er - all Dis er er, Sunh	strict 24 bury, Pa.			

Pounds

				Producti	Production - net tons	tons		Pounds					
				-	Sold	Used at		permis-					Non-
			Shipped to market	market :	to	colliery for steam	Total	sible ex-	Pounds	Dave	Fmp1-	Fatal Fmol- acci-	fatal
Operators and Collieries		County	railroad	trucks	trade	and heat	productions	nsed	nsed	worked	- 1	dents	- 1
Acme Coal Co.													
L.V. No. 5 Vein Slope Brosius & Troup Coal Co.	DM	Schuylkill			15,910	141	16,051 a	2,000	•	267	6	1	
L.V. No. 5 & 6 Vein Strip	S	Dauphin	1,699	1,817	239	1	3,756 b	1	820	82	2	1	
Cessna Bank	ρķ	Dauphin		1	238	2	240 a		•	45	2	ı	,
Deitrich Breaker	ВР	Dauphin		1	1	1	*	ı	•	90	2	•	,
Elizabethville Coal Co.													
Elizabethville Bank	Ă B	Dauphin		16,273	1	1 1	16,273	1		157	٦ ،	1	•
Total	:		1	16,273		1	16,273 c			101		1	1
Emerich, William G.													
Emerich Bank	ρķ	Lebanon		1,000	475	ı	1,475	ı	1	114	-	1	,
Emerich Washery	E	Lebanon		1000	ATR		1 478 4	-	-	114		1	1
G. A. D. Coal Co.				200			0000				1		
Skidmore Slope	DM	Dauphin	812	8,562	99	54	9,494 e	5,200	1	233	ıΩ.	1	,
Williamstown Silt Bank	ρķ	Dauphin	21,000	1	1	•	21,000 f	1	1	30	6	1	
L.V. No. 5 & 6 Vein Strips	S	Dauphin	2,582	3,518	1	1	6,100 9	•	•	120	e	•	'
Herring Bros. Coal Co.	-					1							
K. A. M. Coal Co.	D	Schuylkill	4,611	4,496	2,421	000	11,578 h	8,200	400	246	6	ı	.,4
K. A. M. Bank	ρķ	Dauphin	,	2,931	ı	ł	2,931	1	•	150	~	1	
K. A. M. Washery Total	*	Dauphin		2 021			1 1000		1	120	200	1	1
K. E. W. Coal Co.				42701			44704 4				2	1	
White's Vein Slope	DW	Schuylkill	3,984	260	4,470	98	8,800 3	6,200	1	254	εn .	1	,
No. 5 Tunnel	DM	Dauphin	1,004	1,291	884	60	3,182 k	006	3,000	152	EO.	1	-
Kelly Ramp	Ramp	Dauphin	1	1		1	,	•	•	208	9	1	'
Holmes Slope	DM	Dauphin	2,659	2,822	388	15	5,884 1	7,500	1	257	9	1	CV
Kreiser Bank	þk		1	4,426	ı	•	4,426	1	1	139	٦.	1	,
Kreiser Washery	×	Lebanon			-			1		139	1	1	1
Total				4,426			4,426 m		-		1		

				Product	Production - net	tons		Pounds					
					Sold	1	-	permis-					Non-
			Shipped to market	o market :	to	colliery	Total	sible ex-	Pounds	-	-	Fatal	fatal
Operators and Collieries	9	County	: railroad	trucki	trade	and heat	production:	piosives	used	worked	oves dents	oves dents	dents
L. & R. Coal Co.													
L. & R. Bank	pk	Dauphin	189	202	•	,	391	1	1	30	~	ì	1
L. & R. Washery	*	Dauphin		-		-	1		ı	30	-		1
Total			189	202	-		391 n				2	1	1
Maurer Coal Co., Wilmer L.													
White's Vein Slope	DM	Schuylkill	1	ı	1,688	80	1,696 0	1,250	ı	166	4	ı	7
Meadowbrook Coal Co.													
Meadowbrook Breaker	ВР	Dauphin	1	ı	ı	ı	ı	ı	ı	320	3	ı	ı
No. 4 Coal Co.	7	Cahamatana	446	001 4	403		070	,					
MILLE & VEIN SLOPE	-	Schuyikiii	440	0074	034		d 007 4c	4 \$ 200	ı	140	-	ı	ı
	Ramp	Dauphin	,	ı		1	,	ı	ı	231	4	ı	1
G Co.													
Sheridan Bank	pk	Schuy1k111	5,575	,	1	1	5,575	ı	1	72	14	1	1
Sheridan Washery	×	Schuylkill	-	-	-	1	1	-	ı	72	17	1	7
Total			5,575	-	-		5,575 g	1	-		31		-
Pine Creek Coal Co.													
Pine Creek Breaker	BP	Schuylkill	1	1				ı	ı	235	16	ı	ł
R. & S. Coal Co.	-		.00	-									
Murdock lunnel	W C	Schuyikili	187	2,73/	11941	_	7,636 r	1,500	ı	247	n	1	~
Beedy Partnership Coal Co.	14	Danishta	Car	C M	ac		acc						
Reedy Denk	M H	Daupuru	OCT	007	97	1	328		ı	200	٠.	ı	ı
Reedy Mashery	E	Daupulu	1 000	1 096	000		9000	-		22		-	-
Shade Tohn A			000	770	07		2 070				4	1	-
No. 7 Vein Strip	S	Schuylkill	2,205	3,137	365	15	5,722 t		1	28	2	i	1
Shomper Coal Co.													
Short Mountain Slove Coal Co.	de .	Dauphin	1	ı	ı	ı	ı	ı	i	240	e	i	1
I. V. No. 2 Veto Close	DM	Schuylkill	3 062	5 043	3 540	0.0	12 555	13 100		300	a		c
Spring Glen Coal Co.	5	Scharren	2000	26.40	0,000	24	D CCC 477	007467	ı	667	0	ı	٧
White's Vein Slope	DM	Schuy1k111	555	2,408	8,129	1	11,092 v	3,450	i	82	6	ı	1
Stonehill Coal Co.													
Strank & Kull Coal Co	BP	Dauphin	ı	ı	ŧ	ı	ı	ı	ı	289	in.	ı	ı
Middle Split Slope	DM	Schuy1k111	1	1	2,408	21	2,429 w	2,750		191	ın	- 1	1
Strohecker Coal Co.													
Strohecker Breaker	ВР	Dauphin	ı	ı	ı	1	ı	ı	ŧ	302	7	ı	1

Operators and Collieries Talbot Realty & Mining Co., Inc. Gold Mine Strip Three (3) H Coal Co. L.V. No. 1½ Vein Slope L.V. No. 1½ Vein Slope Underkoffier Coal Service Underkoffier Reaker	,	Shipped to market	narket :	ket : to col	Used at colliery		Pounds permis- sible ex-	Pounds			Fatal	Non- fatal
ng Co., Inc. lope rvice er	County	by railroad	truck:	trade	for steam	rotal :	plosives	dynamite	Days	Empl - acci-	acci-	acci-
lope	S Lebanon	1	1		7,200	7,200 ×		1	106			-
rvice	DM Schuylkill	290	232	16	1	538 y	300	1	27	sO.	١	1
	BP Dauphin		1	ı	1	1	1	١	261	56	1	1
L. V. No. 6 Vein Slope	DM Dauphin	1,953	2,089	ı	1	4,042 n	2,175	1	230	4	1	1
ite's Vein Coal Co. White's Vein Slope	DM Schuylkill	621	3,006	3,701	12	7,340 z	6,100	1	295	S	-	~
District Total		52,678	75,480	47,211	7,625	182,994	67,825	4,250	184	526	٠	11
	S - Stripping	bk - Bank		B - Breaker	er	BP - Br	BP - Breaker Preparation Only	ation Only		*	W - Washery	ry
Mil coal prepared at Underkoffles 88 tons prepared at Underkoffles 1,350 tons shipped top. 8 m V. Mil coal prepared at Emerich Wash Mil coal prepared at Emerich Wash Mil coal prepared at Emerich Wash 1,557 tons prepared at Legal Bram 1,000 tons prepared at Lober Bra 6,675 tons prepared at Poher Bra 6,77 tons shipped to Pelly Ramp Mil coal prepared at Poher Bra Mil coal prepared at Poher Bra Mil coal prepared at Poher Bra Mil coal prepared at Stonehill Bl 1,938 tons shipped to P. 8 m V. 224 tons prepared at Stonehill Bl 1,938 tons prepared at Stonehill Bl 200 tons prepared at Medacoffles Mil coal prepared at Koher Break Mil coal prepared at Koher Break Mil coal prepared at Koher Break Mil coal prepared at Weders Break Mil coal shipped to P. 8 m V. R.	All coal prepared at Underkoffler Breaker 88 tons prepared at Stonehill Breaker 13,516 from shipped to P. & W. V. Ramp All coal prepared at Enderkoffler Breaker 13,55 from shipped to P. & W. V. Ramp All coal prepared at Enartch Washery All coal prepared at Enartch Washery 15,57 from shipped to Kelly Ramp 15,57 from prepared at Legal Breaker - District 16 1,006 from prepared at Legal Breaker - District 16 1,006 from prepared at Ronker Breaker - District 25 All coal prepared at Schenet Breaker - District 25 All coal prepared at Schenet Breaker - District 25 All coal prepared at Schenet Breaker - District 25 140 from shipped to P. & W. V. Ramp 1,938 from shipped to P. & W. V. Ramp 224 forms prepared at Penas Breaker - District 25 300 troms prepared at Breaker Breaker 300 troms prepared at Moderkoffler Breaker 300 troms prepared at Moderkoffler Breaker 301 troms prepared at Moderkoffler Breaker 302 troms prepared at Moderkoffler Breaker 303 troms prepared at Moderkoffler Breaker 304 troms prepared at Moderkoffler Breaker 305 troms prepared at Moderkoffler Breaker 306 troms prepared at Moderkoffler Breaker 307 troms prepared at Moderkoffler Breaker 308 troms prepared at Moderkoffler Breaker 309 troms prepared at Moderkoffler Breaker 309 troms prepared at Moderkoffler Breaker 309 troms prepared at Moderkoffler Breaker 300 troms prepared at Moderkoffler Breaker 300 troms prepared at Moderkoffler Breaker 300 troms prepared at Moderkoffler Breaker 301 coal prepared at Moderkoffler Breaker 302 troms prepared at Moderkoffler Breaker 303 troms prepared at Moderkoffler Breaker 304 troms prepared at Moderkoffler Breaker 305 troms prepared at Moderkoffler Breaker 306 troms prepared at Moderkoffler Breaker 307 troms Breaker Stonehill Breaker 308 troms prepared at Moderkoffler Breaker 309 troms prepared at Wooker Breaker 309 troms prepared at Wooker Breaker 309 troms prepared at Wooker Breaker 300 troms prepared at Wooker Breaker 300 troms prepared at Wooker Breaker 301 troms breaker	rrict 16 ic., Sumbury, F irlct 25 irlct 25 irlct 25 irlct 25 irlct 26	į	(c) 886 (p) 980 (p) 980 (c) 31,61 (c) 31,61 (c) 41,71 (c) 41,72 (d) 41,73 (e) 41,73 (e) 41,73 (f) 41,73 (f	tons prepar tons shipper 500 tons prey coal prepar tons prey tons prey tons prey coal prepar tons prey tons preya for tons preya for tons preya tons preya	806 tons prepared at Underkoffler Breaker 500 tons repared at Stonehill Breaker 500 tons shipped to Kelly Ramp 510 tons prepared at Stonehile Breaker 53,600 tons prepared at Stonehice Breaker 54,600 tons prepared at Superior Breaker 54,11 caal prepared at Stonehier Breaker 67 tons prepared at Stonehier Breaker 67 tons prepared at Penag Breaker - District 16 67 tons prepared at Penag Breaker - District 16 67 tons prepared at Penag Breaker - District 16 67 tons prepared at Rend Washery 68 tons prepared at Rend Washery 69 tons prepared at Extoneker Breaker 518 tons prepared at Stonehill Breaker 518 tons prepared at Stonehill Breaker 518 tons prepared at Kender Breaker 518 tons prepared at Stonehill Breaker 518 tons prepared at Stonehill Breaker 520 tons prepared at Stonehill Breaker 620 tons prepared at Stonehill Breaker 630 tons prepared at Stonehill Breaker 64008 tons prepared at Stonehill Breaker 650 tons prepared at Stonehill Breaker 670 tons prepared at Breaker 670 tons prepared at Stonehill Breaker 670 tons prepared at Underkoffler Breaker	idil Breaker amp hecker Break idil Breaker amp hecker Break idil Breaker idil Breaker idil Breaker - Dissipated idil Breaker - Dissipated idil Breaker - Dissipated idil Breaker idil Break	er - District - District District District District District District District District Officer Conference Con	91			

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	Non-	fatal	acci-	dents				
		Fatal	acci-	dents				
			Empl-	oyes				
			Days	worked			rict 25	962
		Pounds	dynamite	nsed	er Breaker	Breaker	aker - Dist	8 May 15, 1
Pounds	permis-	sible ex-	plosives	nsed	Underkoffl	Strohecker	illside Bre	d operation
		••	am Total : plosives dynamite Days Empl-acci-acci-	production:	prepared at	prepared at	619 tons prepared at Hillside Breaker - District 25	Deitrich Breaker ceased operations May 15, 1962
tons	Used at	colliery	local for steam	trade and heat production: used	(z) 1,330 tons prepared at Underkoffler Breaker	5,391 tons	619 tons p	* Deitrich E
on - net	Sold	to	local	trade	(2			•
Production - net tons		market :	By :	truck:	District 26	rict 25		
		: Shipped to market :	1 By	: railroad	Steam Plant - 1	s, Inc Dist.	strict 25	
				County : railroad truck:	t. Nicholas Central	Anthracite Fine Coal	Oakwood Breaker - Di	у 31, 1962
				Operators and Collieries	NOTE: (x) All coal shipped to St. Nicholas Central Steam Plant - District 26	(y) 411 tons prepared at Anthracite Fine Coals, Inc District 25	127 tons prepared at Oakwood Breaker - District 25	Mine abandoned January 31, 1962

* * *

STRIP MINING PRODUCTION TABLE

COMMONWEALTH OF PENNSYLVANIA ANTHRACITE STRIP MINE PRODUCTION

YEAR--1962

Company	County	Production	Employes
C	DISTRICT 1	004 500	
Carbondale Coal Co.	Lackawanna	374,579	114
Carco, Inc.	Lackawanna	7,920	15
E. & H. Coal Co. Halsey Contracting Co.	Lackawanna Lackawanna	280	3
Hudson Realty Co., Inc.	Lackawanna	2,898	6 71
Kaminski Bros., Inc.	Lackawanna	90,623 1,525	7
Kuna Coal Co.	Lackawanna	1,130	3
Masters Contracting Corp.	Wayne	589	6
Pasternak Bros.	Lackawanna	1,860	5
Slenska Coal Co.	Lackawanna	85	2
District Total	Lackawaiiila	481,489	232
	DISTRICT 2		
Botcheller Co., Inc., L. J.	Lackawanna	1,094	7
Greenwood Coal Co.	Lackawanna	247	3
Hudson Realty Co., Inc.	Lackawanna	10,073	5
O'Toole, John F.	Lackawanna	455	4
Turnpike Coal Co.	Lackawanna	11,094	5
District Total		22,963	24
	D. Z.OMB. Z.OM. O		
D11 0-111 - 0-	DISTRICT 3	16 100	10
Diamond Colliery Co.	Lackawanna	16,109	15
Kaminski Bros., Inc.	Lackawanna	9,475	11
Moffat Coal Co., Inc.	Lackawanna	99,840	76
District Total		125,424	102
	DISTRICT 11		
Bliss Coal Co.	Sullivan	8,408	2
C. B. M. Coal Co.	Luzerne'	1,560	3
Capone Coal Co.	Luzerne	66,326	22
E. & B. Coal Sales	Sullivan	1,723	2
Glen Alden Corp.	Luzerne	197,270	117
Hudson Realty Co., Inc.	Luzerne	145,070	101
K. P. T. Coal Co.	Luzerne	556	4
Kaminski Bros., Inc.	Luzerne	4,779*	
Lehigh Valley Anthracite, Inc.	Luzerne	594,361	146
Lombardi Coal Co.	Luzerne	2,327	4
Scranton Excavating Co.	Lackawanna	17,864	11
Sullivan Trail Coal Co.	Luzerne	27,004	141 #
Susquehanna Coal Co.	Luzerne	82,161	48
District Total	Luzerne	1,122,405	601
	DISTRICT 13		
Glen Alden Corp.	Luzerne	165,891	48
R. A. Corp.	Luzerne	2,711	55
District Total		168,602	53
	DISTRICT 14		
Glen Alden Corp.	Luzerne	122,268	54
District Total	Luzerne	122,268	54
21301100 10001			
	DISTRICT 15		
Beaver Brook Coal Co., Inc.	Luzerne	6,982	12
Beaver Brook Coal Co., Inc.	Schuylkill	9,365	12
Gowen Coal Co.	Luzerne	14,455	30
Honeybrook Mines, Inc.	Carbon	27,004	10
Honeybrook Mines, Inc.	Schuylkill	360,101	148
Honeybrook Mines, Inc.	Luzerne	11,364	33
Jeddo-Highland Coal Co.	Luzerne	384,626	175
Rodino Trucking Co., Peter	Schuylkill	8,220	12
Sandy Run Miners & Producers, Inc.	Luzerne	9,941	7

Company	County	Production	Employes
	DISTRICT 15 (Continued)	
Sullivan Trail Coal Co.	Carbon	50,977	80
Sullivan Trail Coal Co.	Luzerne	338,672	101
District Total		1,221,707	620
	DISTRICT 16		
	DISTRICT TO		
	No Strip Mine P	roduction	
	DISTRICT 17		
Edgewood Contracting Co.	Northumberland	2,476	4
Minel, Inc.	Northumberland	42,455	13
Reading Anthracite Co.	Northumberland	120,543	25
Rosini Coal Co.	Northumberland	6,519	8
District Total		171,993	50
	DISTRICT 18		
Charbon Fuel Sales Co., Inc.	Schuylkill	18,657	6
Greenwood Stripping Corp.	Carbon	323,839	113
Greenwood Stripping Corp.	Schuylkill	430,975	214
Harbon Coal & Contracting Co.	Schuylkill	65,023	19
Schock, Norman C.	Schuylkill	48,742	18
District Total		887,236	370
	DISTRICT 19		
Canfield Construction Co.	Schuylkill	7,760	6
Canfield Construction Co.	Schuylkill	175	_ **
Krell & Herbert Co.	Schuylkill	2,615	3
Krell Coal Co., Philip	Schuylkill	1,306	_ **
Reading Anthracite Co.	Schuylkill	408,442	102
Talbot Realty Co., Inc.	Schuylkill	1,949	3_
District Total		422,247	114
	DISTRICT 20		
C. & J. Coal Co.	Northumberland	5,479	5
Howells, T. S. & Olaf S. Stripping Co.		6,795	2
Jeddo-Highland Coal Co.	Columbia	71,222	53
(Raven Run Coal Co.)			
K. & K. Coal Co.	Columbia	10,957	6
P. & M. Coal Co.	Northumberland	4,700	9
Wallons Corp. District Total	Northumberland	45,654 144,807	23 98
DISCIPLE TOTAL		144,007	70
	DISTRICT 21		
Blue Bell Enterprises	Schuylkill	2,413	3
Dando & Troup Coal Co.	Schuylkill	656	2
Hauptly, J. & Hoke C.	Schuylkill	36,387	29 13
Hoffman, Howard Marko Land Co.	Schuylkill Schuylkill	3,500 26,200	21
Reading Anthracite Co.	Schuylkill	46,721	83
Schuylkill Contracting Co.	Schuylkill	87,970	37
Tropp & Son Contracting Co.	Schuylkill	9,677	7
District Total	,	213,524	195
7-14-11-11-10-10	DISTRICT 22	14 005	10
Jeddo-Highland Coal Co. K. H. & P. Coal Co.	Columbia Columbia	14,025	13 5
Lehigh Valley Anthracite, Inc.	Schuylkill	1,240 184,382	109
Pine Ridge Mining Co., Inc.	Schuylkill	6,977	9
Sanchez Construction Co.	Columbia	35,761	26
District Total		242,385	162
	DISTRICT 23		
C. & J. Coal Co.	Northumberland	7,711	10
Chervanik Associates	Northumberland	66,380	17
H. & S. Coal Co.	Northumberland	2,092	3
Reading Anthracite Co.	Northumberland	37,962	48
District Total		114,145	78

Company	County	Production	Employes
	DISTRICT 24		
North Line Coal Co.	Northumberland	10,115	7
District Total	1102 0110110 02 2 0110	10,115	7
22002200 20002			
	DISTRICT 25		
BrenBar Contracting Co.	Schuylkill	32,560	8
Gavalis Co., Joseph	Schuylkill	40,773	14
Indian Head Coal Co.	Schuylkill	125,726	52
Nagle, Inc., W. Joseph	Schuylkill	22,523	7
Shally Construction Co.	Schuylkill	10,477	4
Valosin Coal Co.	Schuylkill	1,464	3
District Total		233,523	88
	DISTRICT 26		
Morea Mining Co., Inc.	Schuylkill	34,318	36
Reading Anthracite Co.	Schuylkill	270,035	186
District Total	001107111111	304,353	222
2202200 20002			
	DISTRICT 27		
Capparell Stripping & Construction Co.		41,911	40
Gilberton Coal Co.	Schuylkill	304,138	127
Mammoth Coal Co.	Schuylkill	299,869	59
McDonald, Joseph	Schuylkill	1,895	2
Reading Anthracite Co.	Schuylkill	158,985	66
Reading Anthracite Co.	Columbia	4,587	18
District Total		811,385	312
	DISTRICT 28		
Bridy, Incorporated	Northumberland	901	5
District Total		901	5
	D #### ### 00		
Bridy, Incorporated	DISTRICT 29 Northumberland	5,954	18
C. & F. General Contracting Co.	Northumberland	2,438	2
C. & J. Coal Co.	Northumberland	3,921	9
Chervanik Associates	Northumberland	2,140	10
Edgewood Contracting Co.	Northumberland	3,401	3
Thomas Coal, Inc.	Northumberland	21,633	7
Unique Coal Co.	Northumberland	58,938	ý
District Total	HOT CHAMPET THIS	98,425	58
District foral		70,425	
	DISTRICT 30		
Brosius & Troup Coal Co.	Dauphin	3,756	2
H. H. & S. Coal Co.	Dauphin	6,100	3
Shade, John A.	Schuylkill	5,722	2
Talbot Realty & Mining Co., Inc.	Lebanon	7,200	3
District Total		22,778	10
Division Total		6,942,675	3,455

NOTE: # Maintenance Shops

* Stock coal only. Stripping didnot operate during 1962.

** All employes included in Krell & Herbert Co. totals.

REPORT OF OPERATIONS EMPLOYING FEWER THAN FIVE PERSONS

REPORT COVERING MINES EMPLOYING FEWER THAN FIVE PERSONS

Company	County P	roduction	Days Worked	Employes	Fatal Acci- dents	Non-fatal Accidents
	DIST	RICT 1				
Do-Leb Coal Co.	Lackawanna	1,011	95	3	-	_
Grzywacz Coal Co.	Lackawanna	938	225	3	-	-
Micklick Coal Co.	Lackawanna	697	240	2	-	-
Virby Coal Co. Wagner Coal Co.	Lackawanna Lackawanna	1,330 956	200 160	4		-
District Tota		4,932	181	15		
	DIST	RICT 2				
Beggin Coal Co.	Lackawanna	1,090	195	2	-	-
Bell Mountain Coal Co.	Lackawanna	176	88	2	-	-
S. & M. Coal Co.	Lackawanna	1,489	119	4	-	-
S. S. & C. Coal Co. Tucker Coal Co., Ellsworth	Lackawanna Lackawanna	52 183	17 52	3		_
District Tota		2,990	89	14	_	_
	DIST	RICT 3				
	No Pro	duction				
	DIST	RICT 11				
	No Pro	duction				
	DIST	RICT 13				
	No Pro	duction				
	DIST	RICT 14				
	No Pro	duction				
	DIST	RICT 15				
Fellin Coal Co.						
Buck Mountain Slope Gamma Slope	Schuylkill Schuylkill	20 75	8 14	4		-
Total	Schuyikili	95	14	8		
Genee Mining Co.						
Buck Mountain Slope	Luzerne	654	109	4	-	-
Gamma Slope	Luzerne	1,320	88	4	-	-
Wharton Slope	Luzerne	815	54	4		
Total	0.1 11.11	2,789	100	12		
Harjay & Co., Joseph Helock & Andruzzi	Schuylkill	500	120	3	=	
Harjay & Co., Joseph Helock & Andruzzi Buck Mountain Slope	Schuylkill	500 100	35	3	-	-
Harjay & Co., Joseph Helock & Andruzzi Buck Mountain Slope Mammoth Slope	·	500 100 20		3 2 3		<u> </u>
Harjay & Co., Joseph Helock & Andruzzi Buck Mountain Slope Mammoth Slope	Schuylkill	500 100	35	3	-	=======================================
Harjay & Co., Joseph Helock & Andruzzi Buck Mountain Slope Mammoth Slope Total Kassa Coal Co.	Schuylkill Schuylkill	100 20 120	35 10	3 2 3 5		
Harjay & Co., Joseph Helock & Andruzzi Buck Mountain Slope Mammoth Slope Total Kassa Coal Co. No. 2 Slope	Schuylkill	500 100 20	35	3 2 3		=======================================
Harjay & Co., Joseph Helock & Andruzzi Buck Mountain Slope Mammoth Slope Total Kassa Coal Co.	Schuylkill Schuylkill Carbon	100 20 120 1,530	35 10	3 2 3 5		= = = = = = = = = = = = = = = = = = = =
Harjay & Co., Joseph Helock & Andruzzi Buck Mountain Slope Mammoth Slope Total Kassa Coal Co. No. 2 Slope East No. 2 Slope	Schuylkill Schuylkill Carbon	100 20 120 1,530 40	35 10	3 2 3 5	-	

			D		Fatal	
Company	County Pr	oduction	Days Worked	Employes	Acci- dents	Non-fatal Accidents
McAdoo Coal Mining	Carbon DISTRI	CT 15 (Cor 310	ntinued) 84	4	_	_
Merola Coal Co.	Luzerne	1,502	65	4	_	_
Miller & Co.						
Buck Mountain Slope	Schuylkill	10 5	30 10	3	-	-
Gamma Slope No. 6 Slope	Schuylkill Schuylkill	10	60	3	-	-
Total	Schlaytkiii	25		9	 -	
Pahira Partners						
Mammoth Slope	Schuylkill	120	30	4	-	-
Gamma Slope Total	Schuylkill	130 250	20	8		
Rainbow Coal Co.	Luzerne	- 250	10	3		
Rymarowicz, John	Schuylkill	420	41	3	-	-
Shadel Coal Co., Harry	Schuylkill	3,541 569	260 138	4	-	-
Shenandoah Coal Co. Wittig & Fellin	Schuylkill Schuylkill	225	37	2		
Wittig & Fuhrman	Schajikili	220	0,	-	_	_
Gamma Slope	Schuylkill	35	10	4	-	-
Mammoth No. 2 Slope	Schuylkill	461	80	3		
Total		496				
District Tota	al	30,336	85	92	_	-
21001100 1000	••			,-		
	DISTRI	CT 16				
Anspach & Umbenhauer	Schuylkill	1,200	42	3	-	-
B. H. D. Coal Co. B. & K. Coal Co.	Schuylkill Schuylkill	2,080 3,800	104 105	3	-	-
D. K. L. M. Coal Co.	Schuylkill	520	26	4		-
Garbar Coal Co.	Schuylkill	1,700	100	3	_	_
Hoffman Coal Co.	Schuylkill	4,600	230	4	-	-
Hubler & Ebert Coal Co.	Schuylkill	500	25	2	-	-
J. & S. Coal Co. K. & N. Coal Co.	Schuylkill Schuylkill	1,505 5,400	80 240	3	-	_
L. & L. Coal Co.	Schuylkill	310	42	2	_	_
L. O. B. Coal Co.	Schuylkill	9,360	312	4	-	-
Lucas Coal Co., Fred	Schuylkill	6,500	260	4	-	-
Renninger & Thompson Co. Smith & Salada Co.	Schuylkill Schuylkill	1,650	110 70	3	-	-
Zimmerman Coal Co.	Schuylkill	3,800	190	3	-	
District Tota		43,625	140	47		
District lots	11	43,025	140	47	-	_
	DISTRI	CT 17				
Ash Coal Co.	Northumberland	60	90	3	_	
B. & E. Coal Co.	Northumberland	5,600	300	4	-	-
Banks Coal Co.	Northumberland	6,945	275	4	-	-
Bruno & Piefer Coal Co. Bush Coal Co.	Northumberland Northumberland	7,814 117	251 52	4	-	-
Capitol Coal Co.	Northumberland Northumberland	117	65	4	-	
Chestnut Coal Co.	Northumberland	3,300	240	4	_	_
Echo Coal Co.	Northumberland	238	36	4	-	-
Gem Coal Co. No. 1 Slope		11 (00	250	4		
No. 2 Slope	Northumberland Northumberland	11,607	160	4	-	-
Total	NOI CHAMBEL LANG	12,902	100	8	_	-
Gudelunas Coal Co.	Northumberland	2,660	241	3	-	-
Hope Coal Co.	Northumberland	78 46	31 100	3	-	-
Kent Coal Co. L. & M. Coal Co.	Northumberland Northumberland	46 763	100 106	4	-	-
L. & N. Coal Co.	Northumberland	165	28	4	-	_
L. & R. Coal Co.	Northumberland	16	14	4	-	-
Mace Coal Co.	Northumberland	2,630	233	3	-	-
Machesic & Crissinger Coal (Marquette Coal Co.	Co.Northumberland Northumberland	7,820 4,879	248 307	4	-	_
Moore Coal Co.	MOTUMETIANG	4,079	307	3		_
No. 3 Slope	Northumberland	125	62	3	-	-
No. 4 Slope	Northumberland	850	180	4		
Total		975		7	-	

Company	County	Production	Days Worked	Employes		Non-fatal Accidents
	DIST	RICT 17 (Con	ntinued)			
N. & L. Coal Co.	Northumberland		219	4	-	-
Natural Coal Co.	Northumberland		47	3	-	-
North Side Coal Co.	Northumberland	3,979	192	4	-	-
Patrick Coal Co.	Northumberland	865	101	3)		
No. 3 Slope No. 4 Slope	Northumberland		40	3)	_	_
Total	Not chamber Lanc	885	40	3		
Pine Tree Coal Co.	Northumberland		290	4	-	
Poplar Coal Co.	Northumberland	400	75	3	-	_
Raczkowskie & Sons	Northumberland		260	4	-	1
Reed Brothers	Northumberland	653	22	4	-	-
Reed Mining Co.	Northumberland		22	4	-	-
Rocky Mountain Coal Co.	Northumberland		240	4	-	-
Split Coal Co. Stan Coal Co.	Northumberland Northumberland		121 260	3	-	-
Swamp Coal Co.	Northumberland		200	4		
Taglieri Coal Co.	NOT CHOMBET THE	. , ,		7	_	_
No. 2 Slope	Northumberland	804	66	3)	_	_
No. 3 Slope	Northumberland		60	-j	_	-
No. 4 Slope	Northumberland		28		-	
Total		834		3		-
Trip Coal Co.	Northumberland		17	3	-	-
Triple S Coal Co.	Northumberland		200	4	-	-
W. & W. Coal Co.	Northumberland		31	3	-	-
West End Coal Co.	Northumberland	200	32	3		 -
District Tota	1	98,879	149	141	-	1
	DIST	RICT 18				
A. & D. Coal Co.	Schuylkill	1,536	129	3	_	_
Blachock Coal Co.	Schuylkill	304	57	3	_	-
Bogish & Garbish Coal Co.	Schuylkill	350	90	3	-	-
Bottom Bench Coal Co.	Schuylkill	188	18	3	-	-
Brode Coal Co.	Schuylkill	65	29	3	-	-
Brode & Frye Coal Co.	Schuylkill	250	90	3	-	-
Bushy Tract Coal Co.	Schuylkill	1,410	201	3	Ξ	-
F. & W. Coal Co. Fisher & Blanchard Coal Co.	Schuylkill Schuylkill	131 50	48 6	2 2	-	-
Four Foot Coal Co.	Schuylkill	90	40	4		
Four Par Coal Co.	Schuylkill	340	96	4	_	
Frye Bros. Coal Co.	Schuylkill	900	130	3	Ξ	_
Frye Coal Co., Thomas	Schuylkill	-	8	3	-	-
Gorenty Coal Co.	Schuylkill	500	75	2	-	-
Klimas Coal Co.	Schuylkill	20	10	2	-	-
Kristoff Coal Co.	Schuylkill	2,110	148	4	-	-
Lone Star Coal Co.	Schuylkill	300	40	4	-	-
Markosky & Ponzurick Co.	Schuylkill	1,560	214 283	3	-	1
Niadna Coal Co., Frank Owl Coal Co.	Schuylkill	3,105	283	2	-	1
P. & K. Coal Co.	Schuylkill Schuylkill	50	20	3	-	_
Peach Mountain Coal Co.	Schuylkill	30	18	3		
Peck Coal Co.	Schuylkill	480	110	3	_	_
Reiseg & Chappell Coal Co.	Schuylkill	928	174	3	_	_
Skripnek Coal Co.	Schuylkill	405	110	3	_	-
Smith Coal Co.	Schuylkill	1,860	130	4	-	-
Three Par Coal Co.	Schuylkill	900	93	3	-	-
Yanochko & Miller Coal Co.	Schuylkill	67.0	123	44		
District Tota	1	18,560	93	85	-	1
	DIST	RICT 19				
Andrews Partnership	Schuylkill	700	80	2	-	-
B. K. & T. Coal Co.	Schuylkill	250	50	3	-	-
B. & M. Coal Co. Little Orchard Slope	Schuylkill	840	120	4	-	-
B. & M. Coal Co. Four Foot Slope		250	150	2	-	-
rour root Stope	Schuylkill	250	150	2	-	=

					Fatal	
			Days		Acci-	Non-fatal
Company	County	Production	Worked	Employes	dents	Accidents
		DISTRICT 19 (Cor				
Bernitsky & Stenulis Part.	Schuylkil.		265 160	4	-	-
Blishock Bros. Partnership Broad Mountain Coal Co.	Schuylkil: Schuylkil:		70	3	_	-
Buchinsky Partnership	Schuylkil		3	3	_	_
Butensky Coal Co.						
Clarkson Slope	Schuylkil		160	3	-	-
Primrose Slope Total	Schuylkil	1 350 1,630	70	<u>3</u>	-	
C. G. & S. Partnership	Schuylkil		69	3		
C. & N. Coal Co.	Schuylkil	810	90	3	-	-
C. N. & P. Partnership	Schuylkil:		200	3	-	-
Cappel Coal Co.	Schuylkill		17	3	-	-
Colitz Coal, Joseph Connors & Tokash Partnership	Schuylkill Schuylkill		3 210	4 2	-	-
Cooper Coal Co., Adam	Schuylkil		150	4	_	_
Cooper & Co.	Schuylkil		90	4	-	-
Cooper Partnership Coal Co.	Schuylkill		122	4	-	-
Cooper Partnership	Schuylkill		200	3	-	-
D. & D. Coal Co.	Schuylkil:		152 120	3 2	-	-
D. & G. Partnership D. & J. Coal Co.	Schuylkill Schuylkill		35	3	-	
Doby Coal Co.	Schuylkil		2	2	-	-
Dudash Partnership	Schuylkil	-	2	4	-	-
E. & M. Coal Co.	Schuylkill		60	4	-	-
F. & P. Coal Co.	Schuylkill	500	103 187	3	~	-
Four Par Coal Co. Francis Coal Co.	Schuylkill Schuylkill		50	2	-	Ξ
Frye Bros. Coal Co.	Schuylkil		40	3	_	-
G. & B. Partnership	Schuylkill		3	2	-	-
G. B. & B. Partnership	Schuylkill	160	40	3	-	-
G. & C. Partnership	Schuylkill		3	3	-	-
G. & S. Partnership Gormas Bros. Coal Co.	Schuylkill Schuylkill		42 130	3	-	
Grigas Coal Co.	Schuylkil		105	4	_	_
Gublinsky & Slotcavage Part.	Schuylkill		2	2	-	-
Halaburda Bros. Coal Co.	Schuylkil:		60	3	~	-
Halaburda Coal Co.	Schuylkill		220 3	3	-	-
Halupa Partnership Hill Coal Co.	Schuylkill Schuylkill		117	3	-	1
Horvath Partnership	Schuylkil		200	3	_	_
K. H. & E. Coal Co.	Schuylkil	825	190	3	~	-
K. & M. Coal Co.	Schuylkil:		100	3	-	-
Keller & Connors Partnership			94 200	2	-	-
Keysock & Klinger Part. Klinger Coal Co.	Schuylkil: Schuylkil:		70	3	-	-
Kochmier Partnership	Schuylkil		158	3	_	-
Kost Coal Co.	Schuylkill	204	58	2	-	-
L. & P. Partnership	Schuylkil:		9	3	-	-
Last Coal Co. M. & S. Coal Co.	Schuylkil!		2 63	3	-	-
M. & T. Partnership	Schuylkil: Schuylkil:		240	4	-	-
McElvaney Coal Co.	Schuylkil		225	4	-	-
Minarick Coal Co.	Schuylkil		75	2	-	-
Myown Coal Co.	Schuylkil		260	4	-	1
Ney Partnership	Schuylkil:		220 275	2	-	-
Noyalas Coal Co. Olesky & Co.	Schuylkil: Schuylkil:		206	4	_	-
P. F. & L. Partnership	Schuylkil		48	3	_	-
P. H. & K. Partnership	Schuylkil		240	3	-	-
P. H. & N. Partnership	Schuylkil	320	35	3	~	-
P. & J. Coal Co.	Schuylkil		62 48	3	-	_
P. S. & S. Partnership P. U. & K. Coal Co.	Schuylkil Schuylkil		150	3	-	
Partnership Coal Co.	Jonay In II.	300	150			
Primrose Slope	Schuylkil	1 750	150	4	-	-
Partnership Coal Co.	0.1.					
Primrose Slope No. 2 Peach Coal Co.	Schuylkil		90 30	4 2	2	-
Peach Mountain Partnership	Schuylkil Schuylkil		58	3	_	Ξ
Pellish Partnership	Schuylkil		108	3	-	-

					Fatal	
Campani	Country	Production	Days	F1	Acci-	Non-fatal
Company	County	Production	Worked	Employes	dents	Accidents
	DIS	TRICT 19 (Con	ntinued)			
Primrose Coal Co.	Schuylkill	360	60	4	-	-
Prospect Coal Co.	Schuylkill	-	2	3	-	-
Pure Coal Co.	Schuylkill	120	60	3	-	-
R. & L. Partnership	Schuylkill	500	100	2	-	-
Renninger Partnership	Schuylkill	1,840	230	4	-	-
Romanosky Partnership	Schuylkill	1,900	240 80	4 2	-	-
S. & D. Partnership S. & G. Coal Co.	Schuylkill Schuylkill	2,600	200	4	_	-
S. & S. Coal Co.	Schuylkill	2,160	240	4	-	Ξ
Skrobak & Gall Partnership	Schuylkill	1,920	240	3		
Swilp Bros. Coal Co.	Schuylkill	450	90	2	_	_
Swilp Partnership	Schuylkill	960	120	2	-	_
Szalku Coal Co.	Schuylkill	-	2	2	-	-
Three "C" Coal Co.	Schuylkill	-	2	4	-	-
V. & L. Coal Co.	Schuylkill	1,792	224	3	-	-
Whery Bros. Coal Co.	Schuylkill	-	2	4	-	-
Williams Partnership	Schuylkill	1,920	240	3	-	-
Yeneshosky Coal Co.	Schuylkill	4,283	264	4		
District Total	ı	78,671	117	274	2	2
			-			
	DIS	TRICT 20				
	2.00	211222				
A. & T. Coal Co.	Northumberlan	d 2,219	200	3	-	_
A. T & D. Coal Co.	Columbia	1,400	200	2	-	-
Adams Coal Co.	Northumberlan	d 232	80	2	-	-
Amarose Bros. Coal Co.	Northumberlan		281	4	-	-
B. & B. Coal Co.	Northumberlan		175	4	-	-
B. B. & K. Coal Co.	Northumberlan	d 370	80	3	-	-
B. D. & M. Coal Co.	Columbia	1,200	214	3	-	-
B. & E. Coal Co.	Columbia	1,000	200	4	-	-
Bator Coal Co.	Northumberlan		200	2 2	-	-
Black Coal Co.	Columbia Northumberlan	240 d 150	245 50	2	-	-
Brown Coal Co. Buck Coal Co.	Northumberlan		80	3	-	
Buck Coal Co.	Northumberlan		40	3	_	
C. & G. Coal Co.	Columbia	193	35	3	_	
D. & G. Coal Co.	Columbia	634	95	3	-	_
D. & K. Coal Co.	Columbia	1,330	153	4	-	_
D. K. & M. Coal Co.	Northumberlan	d 4,000	175	4	-	-
F. & S. Coal Co.	Columbia	800	100	3	-	-
G. G. & F. Coal Co.	Northumberlan	d 250	25	3	-	-
H. & B. Coal Co.	Columbia	3,500	180	4	-	-
H. & O. Coal Co.	Northumberlan		215	3	-	-
H. & W. Coal Co.	Columbia	1,500	250	3	-	-
J. & C. Coal Co.	Northumberlan	d 512	180	3	-	-
J. & K. Coal Co.	Northumberlan		162	3	-	-
Joe & Felix Coal Co.	Northumberlan		20	2	-	
K. & F. Coal Co. K. & K. Coal Co.	Northumberlan	d 3,830	300 200	3	-	-
	Northumberlan Columbia	d 1,600 800	162	4	-	-
K. & L. Coal Co. K. & M. Coal Co.	Northumberlan		95	3	-	
K. & P. Coal Co.	NOT CHAMBEL THE	u 120	,,,	ŭ	_	_
No. 92 Slope	Northumberlan	d 2,670	138	3	-	-
No. 104 Slope	Columbia	5,417	234	4		
Total		8,087		7	-	
K. P. & M. Coal Co.	Northumberlan	d 6,014	225	4	-	1
Kovach Coal Co.	Northumberlan		200	3	-	-
Kudrick Coal Co.	Columbia	350	50	2	-	-
L. & E. Coal Co.	Northumberlan		215	2	-	-
Ladika Coal Co.	Northumberlan		130	3	-	-
Liddicote Coal Co.	Columbia	875	102	3	-	-
M. K. & Z. Coal Co.	Columbia	600	60	3	-	-
M. O. & O. Coal Co.	Columbia	200 d 566	27 53	4	-	1
M. & W. Coal Co.	Northumberlan		53 62	3	_	1
Macheskie Coal Co.	Northumberlan Northumberlan		62 65	3	_	
Megosh Coal Co. Mekosh Coal Co.	Columbia	850	81	4	-	-
	00100010	-500				

			Days		Fatal Acci-	Non-fatal
Company	County Pr	oduction	Worked	Employes	dents	Accidents
	DISTRI	CT 20 (Cor		•		
Mike's Coal Co. Miller Coal Co.	Northumberland Columbia	100	25 228	3	-	-
Mirolli Coal Slope	Northumberland	3,569 350	75	2	-	
Morack Coal Co.	Columbia	1,570	157	4		
Murin Coal Co.	Northumberland	175	90	3	-	_
O. & M. Coal Co.	Northumberland	968	240	3	-	-
Obrick & Krack Coal Co.	Northumberland	250	75	2	-	-
P. & E. Coal Co.	Columbia	885	160	2	-	-
Pitok Coal Co.	Columbia	740	110	3	-	-
Poponiak Bros. Coal Co. R. K. & K. Coal Co.	Northumberland Columbia	1,510	200 60	3	-	-
R. & L. Coal Co.	Columbia	_	70	3	-	-
R. & W. Coal Co.	Columbia	64	16	3	_	_
Ross Coal Co.	Northumberland	512	68	3	-	-
S. K. & S. Coal Co.	Northumberland	40	200	3	-	-
S. & M. Coal Co.	Columbia	4,500	230	3	-	-
Sejuit & Wisneskie Coal Co.	Northumberland	1,450	235	2	-	-
Szido Coal Co.	Northumberland	21	3	3	-	-
T. & B. Coal Co. Tom & Joe Coal Co.	Northumberland Northumberland	620 566	80 53	3	-	-
Twin Coal Co.	Northumberland	50	30	2	Ξ	-
Water Level Coal Co.	Northumberland	780	120	3	=	_
Y. & F. Coal Co.	Northumberland	5,500	220	4	_	_
Y. & K. Coal Co.	Northumberland	200	60	2	-	-
Y. & Y. Coal Co.	Columbia	-	15	2	-	-
Yasenchak & Co.	Northumberland	140	50	2	-	-
Zlocki Coal Co.	Northumberland	1,300	182	4	-	-
Zukus Coal Co., Anthony	Columbia	150	30	2	-	-
Zukus Coal Co., Charles Zukus Coal Co., James	Columbia Columbia	400 90	52 15	4 2	-	_
Zukus Coal Co., James	Columbia		15			
District Total		86,236	131	219	-	2
	D. rown	~ ^1				
	DISTRI	CT 21				
A. & B. Coal Co.			185	3	_	_
A. & B. Coal Co. A. & J. Coal Co.	Schuylkill	1,270	185 101	3 3	-	-
A. & B. Coal Co. A. & J. Coal Co. B. & E. Coal Co.			185 101 90	3 3 3	-	-
A. & J. Coal Co. B. & E. Coal Co. B. E. & K. Coal Co.	Schuylkill Schuylkill Schuylkill Schuylkill	1,270 808 360 70	101 90 30	3 3 3	-	-
A. & J. Coal Co. B. & E. Coal Co. B. E. & K. Coal Co. B. & F. Coal Co.	Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill	1,270 808 360 70 28	101 90 30 60	3 3 3 3	=	
A. & J. Coal Co. B. & E. Coal Co. B. E. & K. Coal Co. B. & F. Coal Co. B. H. & L. Partnership	Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill	1,270 808 360 70 28 800	101 90 30 60 200	3 3 3 3	=	_
A. & J. Coal Co. B. & E. Coal Co. B. E. & K. Coal Co. B. & F. Coal Co. B. H. & L. Partnership B. K. & S. Coal Co.	Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill	1,270 808 360 70 28 800 200	101 90 30 60 200 40	3 3 3 4 2	=	=
A. & J. Coal Co. B. & E. Coal Co. B. E. & K. Coal Co. B. F. & K. Coal Co. B. H. & L. Partnership B. K. & S. Coal Co. B. W. Coal Co. B. W. Coal Co.	Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill	1,270 808 360 70 28 800 200 30	101 90 30 60 200 40 40	3 3 3 4 2 2	-	-
A. & J. Coal Co. B. & E. Coal Co. B. & E. & K. Coal Co. B. & F. Coal Co. B. & F. Coal Co. B. H. & L. Partnership B. K. & S. Coal Co. B. & W. Coal Co. Baruka Coal Co.	Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill	1,270 808 360 70 28 800 200 30 540	101 90 30 60 200 40 40 80	3 3 3 4 2		-
A. & J. Coal Co. B. & E. Coal Co. B. & E. & K. Coal Co. B. & F. Ooal Co. B. & F. Coal Co. B. H. & L. Partnership B. K. & S. Coal Co. B. & W. Coal Co. Baruka Coal Co. Bloch Coal Co.	Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill	1,270 808 360 70 28 800 200 30 540 1,700	101 90 30 60 200 40 40	3 3 3 4 2 2 3	-	
A. & J. Coal Co. B. & E. Coal Co. B. & E. & K. Coal Co. B. & F. Coal Co. B. & F. Coal Co. B. H. & L. Partnership B. K. & S. Coal Co. B. & W. Coal Co. Baruka Coal Co.	Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill	1,270 808 360 70 28 800 200 30 540 1,700 2,600	101 90 30 60 200 40 40 80 95	3 3 3 4 2 2 3 4		
A. & J. Coal Co. B. & E. Coal Co. B. & F. Coal Co. B. & W. Coal Co. B. & W. Coal Co. Baruka Coal Co. Bloch Coal Co. Bosack Coal Co. Buck Mountain Coal Co. Carl Brothers Coal Co.	Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill	1,270 808 360 70 28 800 200 30 540 1,700 2,600 2,020 450	101 90 30 60 200 40 40 80 95 235 202 45	3 3 3 4 2 2 3 4 4 3 3		-
A. & J. Coal Co. B. & E. Coal Co. B. & E. Coal Co. B. & F. Coal Co. B. & F. Coal Co. B. & F. Coal Co. B. & W. Coal Co. B. & W. Coal Co. Baruka Coal Co. Bosack Coal Co. Bosack Coal Co. Carl Brothers Coal Co. Carl Brothers Coal Co. Cherkis Partnership	Schuylkill	1,270 808 360 70 28 800 200 30 540 1,700 2,600 2,020 450 2,500	101 90 30 60 200 40 40 80 95 235 202 45 260	3 3 3 4 2 2 3 4 4 3 3 3		-
A. & J. Coal Co. B. & E. Coal Co. B. & F. Coal Co. B. & W. Coal Co. B. & W. Coal Co. B. & W. Coal Co. Baruka Coal Co. Bloch Coal Co. Buck Mountain Coal Co. Carl Brothers Coal Co. Cherkis Partnership D. & P. Coal Co.	Schuylkill	1,270 808 360 70 28 800 200 30 540 1,700 2,600 2,020 450 2,500	101 90 30 60 200 40 40 80 95 235 202 45 260 60	3 3 3 4 2 2 3 4 4 3 3 3 2		-
A. & J. Coal Co. B. & E. Coal Co. B. E. & K. Coal Co. B. & F. Coal Co. B. H. & L. Partnership B. K. & S. Coal Co. Baruka Coal Co. Baruka Coal Co. Bosack Coal Co. Bosack Coal Co. Carl Brothers Coal Co. Carl Brothers Coal Co. Cherkis Partnership D. & P. Coal Co.	Schuylkill	1,270 808 360 70 28 800 200 30 540 1,700 2,600 2,500 450 2,500 1,600	101 90 30 60 200 40 80 95 235 202 45 260 60 160	3 3 3 4 2 2 3 4 4 3 3 3 3 2 2 3		-
A. & J. Coal Co. B. & E. Coal Co. B. & F. Coal Co. B. & W. Coal Co. B. & W. Coal Co. B. & W. Coal Co. Baruka Coal Co. Bosack Coal Co. Bosack Coal Co. Bosack Coal Co. Carl Brothers Coal Co. Cherkis Partnership D. & P. Coal Co. F. & W. Coal Co. F. & W. Coal Co. Frenetz Coal Co.	Schuylkill	1,270 808 360 70 28 800 200 30 540 1,700 2,600 2,020 450 2,500 1,600 500	101 90 30 60 200 40 40 80 95 235 202 45 260 60 160	3 3 3 4 2 2 3 4 4 3 3 3 2 3 3 3		
A. & J. Coal Co. B. & E. Coal Co. B. & E. Coal Co. B. & F. Coal Co. B. & F. Coal Co. B. H. & L. Partnership B. K. & S. Coal Co. Baruka Coal Co. Baruka Coal Co. Bosack Coal Co. Bosack Coal Co. Carl Brothers Coal Co. Carl Brothers Coal Co. Fenetz Coal Co. F. & W. Coal Co. Fenetz Coal Co. Fenetz Coal Co.	Schuylkill	1,270 808 360 70 28 800 200 30 540 1,700 2,600 2,020 450 2,500 1,600 500	101 90 30 60 200 40 40 80 95 235 202 45 260 60 160	3 3 3 4 4 2 2 3 4 4 3 3 3 2 3 3 4 4 4 4		
A. & J. Coal Co. B. & E. Coal Co. B. & F. Coal Co. B. & W. Coal Co. B. & W. Coal Co. B. & W. Coal Co. Baruka Coal Co. Bosack Coal Co. Bosack Coal Co. Bosack Coal Co. Carl Brothers Coal Co. Cherkis Partnership D. & P. Coal Co. F. & W. Coal Co. F. & W. Coal Co. Frenetz Coal Co.	Schuylkill	1,270 808 360 70 28 800 200 30 540 1,700 2,600 2,020 450 2,500 1,600 500	101 90 30 60 200 40 40 80 95 235 202 45 260 60 160	3 3 3 4 2 2 3 4 4 3 3 3 2 3 3 3		
A. & J. Coal Co. B. & E. Coal Co. B. & F. Coal Co. B. & W. Coal Co. B. & W. Coal Co. B. & W. Coal Co. Baruka Coal Co. Bosack Coal Co. Bosack Coal Co. Carl Brothers Coal Co. Cherkis Partnership D. & P. Coal Co. F. & W. Coal Co. F. & W. Coal Co. Four-Par Coal Co.	Schuylkill	1,270 808 360 70 28 800 200 30 540 1,700 2,600 2,020 450 2,500 1,600 500 500 240	101 90 30 60 200 40 40 80 95 235 202 45 260 60 160 90 120	3 3 3 4 2 2 3 4 4 3 3 3 2 2 3 4 4 3 3 4 4 3 3 4 4 3 3 3 4 4 3 3 3 3 4 4 4 4 4 3		
A. & J. Coal Co. B. & E. Coal Co. B. & E. Coal Co. B. & F. Coal Co. B. & F. Coal Co. B. H. & L. Partnership B. K. & S. Coal Co. B. H. & Coal Co. Baruka Coal Co. Bosack Coal Co. Bosack Coal Co. Bosack Coal Co. Carl Brothers Coal Co. Cerl Brothers Coal Co. Cerl Brothers Coal Co. F. & W. Coal Co. F. & W. Coal Co. F. & W. Coal Co. Gordon Mountain Coal Co. Gordon Mountain Coal Co. Hegins Mining Co.	Schuylkill	1,270 808 360 70 28 800 30 540 1,700 2,600 450 2,500 100 1,600 500 240 25 1,522	101 90 30 60 200 40 40 80 95 235 260 60 160 90 120 40 15 95	3 3 3 4 2 2 3 4 4 3 3 3 2 2 3 4 3 2 4 4		
A. & J. Coal Co. B. & E. Coal Co. B. & E. Coal Co. B. & F. Coal Co. B. & W. Coal Co. B. & W. Coal Co. B. & W. Coal Co. Baruka Coal Co. Bosack Coal Co. Bosack Coal Co. Bosack Coal Co. Carl Brothers Coal Co. Cherkis Partnership D. & P. Coal Co. Fenetz Coal Co. Fenetz Coal Co. Fenetz Coal Co. G. & K. Coal Co. G. & K. Coal Co. G. & W. Coal Co. G. & W. Coal Co. G. & W. Coal Co. Hegins Mining Co. Hutsko Coal Co.	Schuylkill	1,270 808 360 70 28 800 200 30 540 1,700 2,600 2,500 100 1,600 500 500 500 240 2,522 222	101 90 30 60 200 40 40 80 95 235 202 45 260 60 160 90 120 40 15 95	3 3 3 4 2 2 3 4 4 3 3 3 3 3 4 4 4 4 3 3 3 4 4 4 4		
A. & J. Coal Co. B. & E. Coal Co. B. & E. Coal Co. B. & F. Coal Co. B. & F. Coal Co. B. H. & L. Partnership B. K. & S. Coal Co. Baruka Coal Co. Bosack Coal Co. Bosack Coal Co. Bosack Coal Co. Bosack Coal Co. Carl Brothers Coal Co. Carl Brothers Coal Co. Cerl Brothers Coal Co. F. & W. Coal Co. F. & W. Coal Co. Fenetz Coal Co. G. F. & R. Coal Co. G. F. & R. Coal Co. G. F. & Coal Co. Gordon Mountain Coal Co. Hutsko Coal Co. Untir Coal Co. Junior Coal Co. Junior Coal Co.	Schuylkill	1,270 808 360 70 28 800 300 540 1,700 2,600 2,600 2,500 100 500 500 245 1,522 208 3,200	101 90 30 60 200 40 40 80 95 235 202 45 260 60 160 90 120 40 15 95 120 88 88 88 88 88 88 88 88 88 88 88 88 88	3 3 3 4 2 2 3 4 4 3 3 3 2 2 3 4 4 3 3 3 2 4 4 4 4		
A. & J. Coal Co. B. & E. Coal Co. B. & E. Coal Co. B. & F. Coal Co. B. & F. Coal Co. B. & F. Coal Co. B. & R. & Coal Co. B. & R. Coal Co. B. & W. Coal Co. Baruka Coal Co. Bosack Coal Co. Bosack Coal Co. Bosack Coal Co. Carl Brothers Coal Co. Cherkis Partnership D. & P. Coal Co. F. & W. Coal Co. Fenetz Coal Co. Fenetz Coal Co. G. & K. Coal Co. G. & K. Coal Co. G. & W. Coal Co. Hegins Mining Co. Hutsko Coal Co. Junior Coal Co. Junior Coal Co. Junior Coal Co. Junior Coal Co.	Schuylkill	1,270 808 808 360 70 28 800 200 30 540 1,700 2,600 2,020 450 2,500 500 500 500 240 252 252 292 208 3,200 400	101 90 30 60 200 40 40 40 95 235 202 45 260 60 90 120 40 15 15 15 12 95 12 14 82 14 82 14 83 14 84 85 86 86 86 86 86 86 86 86 86 86 86 86 86	3 3 3 4 2 2 3 4 4 4 3 3 3 3 2 4 4 4 4 2 2 3 4 4 4 2 2 3 4 4 4 2 4 4 4 4		
A. & J. Coal Co. B. & E. Coal Co. B. & E. Coal Co. B. & F. Coal Co. B. & W. Coal Co. Baruka Coal Co. Bosack Coal Co. Bosack Coal Co. Bosack Coal Co. Coarl Brothers Coal Co. Cherkis Partnership D. & P. Coal Co. Fenetz Coal Co. Fenetz Coal Co. Fenetz Coal Co. G. F. & W. Coal Co. G. F. & R. Coal Co. G. F. & Coal Co. Gordon Mountain Coal Co. Hutsko Coal Co. Junior Coal Co. K. & F. Coal Co.	Schuylkill	1,270 808 360 70 28 800 300 540 1,700 2,600 2,600 2,500 100 500 500 240 25 1,525 272 222 320 3,200 5,468	101 90 30 60 200 40 40 40 80 95 235 202 45 60 160 90 120 40 40 40 40 40 40 40 40 40 40 40 40 40	3 3 3 4 4 2 2 3 4 4 3 3 3 4 4 3 3 4 4 2 2 4 4 4 4		
A. & J. Coal Co. B. & E. Coal Co. B. & E. Coal Co. B. & F. Coal Co. B. & M. & L. Partnership B. K. & S. Coal Co. Baruka Coal Co. Bosack Coal Co. Bosack Coal Co. Bosack Coal Co. Carl Brothers Coal Co. Cherkis Partnership D. & P. Coal Co. Fenetz Coal Co. Fenetz Coal Co. Fenetz Coal Co. G. F. & R. Coal Co. G. F. & R. Coal Co. G. F. & R. Coal Co. G. & Coal Co. Co. Junior Coal Co. Junior Coal Co. K. & F. Coal Co. K. & F. Coal Co. K. & F. Coal Co.	Schuylkill	1,270 808 808 360 70 28 800 200 30 540 1,700 2,600 2,020 450 2,500 500 500 500 240 252 252 292 208 3,200 400	101 90 30 60 200 40 40 40 95 235 202 45 260 60 90 120 40 15 15 15 12 95 12 14 82 14 82 14 83 14 84 85 86 86 86 86 86 86 86 86 86 86 86 86 86	3 3 3 4 2 2 3 4 4 4 3 3 3 3 2 4 4 4 4 2 2 3 4 4 4 2 2 3 4 4 4 2 4 4 4 4		
A. & J. Coal Co. B. & E. Coal Co. B. & E. Coal Co. B. & F. Coal Co. B. & W. Coal Co. Bloch Coal Co. Bloch Coal Co. Bloch Coal Co. Bloch Coal Co. Carl Brothers Coal Co. Cherkis Partnership D. & P. Coal Co. Fenetz Coal Co. Fenetz Coal Co. Fenetz Coal Co. G. F. & W. Coal Co. G. F. & R. Coal Co. G. F. & Coal Co. Gordon Mountain Coal Co. Hutsko Coal Co. Junior Coal Co. K. & F. Coal Co. K. & F. Coal Co. K. & W. Coal Co. K. & F. Coal Co. K. & M. Coal Co. K. & Carbar Coal Co. K. & M. Coal Co. K. & Carbar Coal Co. K. & M. Coal Co. K. & Carbar Coal Co.	Schuylkill	1,270 808 800 70 28 800 200 30 540 1,700 2,602 450 605 1,500 240 25 1,525 208 3,200 400 5,468 3,360	101 90 30 60 200 40 40 80 95 202 45 260 60 160 90 120 40 15 95 120 82 22 22 24 45 260 20 20 20 20 20 20 20 20 20 20 20 20 20	3 3 3 4 4 2 2 3 3 4 4 3 3 3 4 4 4 2 2 4 4 4 4		
A. & J. Coal Co. B. & E. Coal Co. B. & E. Coal Co. B. & F. Coal Co. B. & M. & L. Partnership B. K. & S. Coal Co. Baruka Coal Co. Bosack Coal Co. Bosack Coal Co. Bosack Coal Co. Carl Brothers Coal Co. Cherkis Partnership D. & P. Coal Co. Fenetz Coal Co. Fenetz Coal Co. Fenetz Coal Co. G. F. & R. Coal Co. G. F. & R. Coal Co. G. F. & R. Coal Co. G. & Coal Co. Co. Junior Coal Co. Junior Coal Co. K. & F. Coal Co. K. & F. Coal Co. K. & F. Coal Co.	Schuylkill	1,270 808 360 70 28 800 300 540 1,700 2,600 2,600 2,500 100 500 500 240 25 1,525 272 222 320 3,200 5,468	101 90 90 60 60 40 40 40 80 95 235 202 45 260 60 160 120 120 82 148 75 226 25 260 20 20 40 40 40 40 40 40 40 40 40 40 40 40 40	3 3 3 4 4 2 2 3 4 4 3 3 3 4 3 2 4 4 4 2 2 4 4 4 4		
A. & J. Coal Co. B. & E. Coal Co. B. & E. Coal Co. B. & F. Coal Co. B. & M. & L. Partnership B. K. & S. Coal Co. Baruka Coal Co. Bosack Coal Co. Bosack Coal Co. Bosack Coal Co. Carl Brothers Coal Co. Cherkis Partnership D. & P. Coal Co. F. & W. Coal Co. Fenetz Coal Co. Fenetz Coal Co. Gordon Mountain Coal Co. Gordon Mountain Coal Co. G. F. & R. Coal Co. G. & K. Coal Co. Gordon Mountain Coal Co. Hegins Mining Co. Hutsko Coal Co. Junior Coal Co. X. & F. Coal Co. X. & S. Coal Co.	Schuylkill	1,270 808 360 70 208 800 200 300 540 1,700 2,600 2,020 450 2,500 2,500 2,500 2,500 2,500 5,600 2,500 5,600 2,500 5,600 2,500 5,600 5	101 90 30 60 200 40 40 80 95 202 45 260 60 160 90 120 40 15 95 120 82 22 22 24 45 260 20 20 20 20 20 20 20 20 20 20 20 20 20	3 3 3 4 4 2 2 3 4 4 3 3 3 2 3 3 4 4 2 2 3 4 4 4 2 2 3 4 4 4 4		
A. & J. Coal Co. B. & E. Coal Co. B. & E. Coal Co. B. & F. Coal Co. B. & W. Coal Co. B. & W. Coal Co. Bloch Coal Co. Bloch Goal Co. Block Mountain Coal Co. Carl Brothers Coal Co. Carl Brothers Coal Co. Carl Brothers Coal Co. Fenetz Coal Co. F. & W. Coal Co. Fenetz Coal Co. G. F. & W. Coal Co. G. F. & R. Coal Co. G. F. & R. Coal Co. G. F. & R. Coal Co. Gordon Mountain Coal Co. Hutsko Coal Co. Junior Coal Co. K. & F. Coal Co. K. & F. Coal Co. K. & W. Coal Co. K. & W. Coal Co. K. & W. Coal Co. No. 2 Slope No. 3 Slope Total Kopentz Coal Co.	Schuylkill	1,270 808 800 70 28 800 200 30 540 1,700 2,600 2,020 400 1,600 500 2,500 1,600 500 20 20 20 20 20 20 20 20 20 20 20 20 2	101 900 30 600 2000 400 80 95 235 202 45 5260 600 900 120 40 82 148 75 286 220 96 96 96 148	3 3 3 4 4 2 2 3 3 4 4 4 3 3 3 3 2 2 4 4 4 2 2 4 4 2 3 3 4 4 2 3 3 4 4 3 3 3 3		
A. & J. Coal Co. B. & E. Coal Co. B. & E. Coal Co. B. & F. Coal Co. B. & W. Coal Co. B. & W. Coal Co. B. & W. Coal Co. Baruka Coal Co. Bosack Coal Co. Bosack Coal Co. Bosack Coal Co. Carl Brothers Coal Co. Cherkis Partnership D. & P. Coal Co. F. & W. Coal Co. Fenetz Coal Co. Fenetz Coal Co. G. F. & R. Coal Co. G. F. & R. Coal Co. Gordon Mountain Coal Co. Hegins Mining Co. Hutsko Coal Co. K. & F. Coal Co. K. & S. Coal Co. K. & Coal C	Schuylkill	1,270 808 360 70 208 800 200 300 540 1,700 2,600 2,020 450 2,500 2,500 2,500 2,500 2,500 5,600 2,500 5,600 2,500 5,600 2,500 5,600 5	101 90 90 90 60 60 40 40 80 95 235 202 45 260 60 160 90 120 82 148 75 286 220 96 168	3 3 3 4 4 2 2 3 4 4 4 3 3 3 3 4 4 2 4 4 4 4		

0	Country	Procedurable or	Days	Por No.	Fatal Acci-	Non-fatal
Company	County	Production	Worked	Employes	dents	Accidents
W. L. D. J. D.		TRICT 21 (Co				
Matz Coal Co. Mitchell Coal Co.	Schuylkill Schuylkill	350 50	80 20	3	Ξ	-
Neumeister Coal Co.	Schuylkill	400	100	2		-
Neumeister & Son Coal Co.	Schuylkill	1,528	275	2	_	
Olenick Coal Co.	Schuylkill	4,140	265	3	-	-
Otto & Son Coal Co.	Schuylkill	850	125	4	-	-
Overko Partnership	Schuylkill	50	15	4	-	-
Raudenbush & Gustwa Part.	Schuylkill	200	60	4	-	-
Selkirk Coal Co.	Schuylkill	200	35	3	-	-
Siminitus Coal Co. Ski Coal Co.	Schuylkill Schuylkill	2,240 2,152	214 255	4	-	-
Spirko Partnership	Schuylkill	1,040	260	4		
Studlack Partnership	Schuylkill	1,812	189	3	_	_
Waniski Coal Co.	Schuylkill	6,675	288	4	-	1
Westwood Coal Co.	Schuylkill	450	90	4	-	1
Zukowski Partnership	Schuylkill	688	86	3	-	
District Total		56,013	134	152	-	4
				*		
	DIS	TRICT 22				
Abrasonis, John	Columbia	692	55	4	-	-
Abrasonis Coal Mining Co., J.	Columbia	1,140	110	3	-	-
Altamose Coal Co.	Columbia	10	30	1	-	
American Coal Co.	Columbia	450 862	121	2	-	-
B. & K. Coal Co.	Columbia	900	75 90	3	-	-
Beaver Slope Beury Coal Co., Joseph	Schuylkill Columbia	900	30	2		
Big Mine Run Coal Co.	Schuylkill	24	30	2		
Buck Mountain Coal Co.	Schuylkill	700	100	4	-	-
C. & B. Coal Co.	Schuylkill	3,000	163	3	-	-
C. & G. Coal Co.	Schuylkill	800	200	3	-	-
Charnick Coal Co., Leo	Schuylkill	7,277	186	4	-	-
Dyszel Coal	Schuylkill	150	68	3	-	-
Dyszel Coal Co., Stephen	Schuylkill	2,950	280	3	-	-
Dyszel Coal Co., Joseph	Schuylkill	980 1,235	140 106	4	-	-
Dyszel & Luscavage G. D. & S. Coal Co.	Schuylkill Columbia	3,654	261	4		
Gaughan Coal Co.	Columbia	2,250	225	4	_	_
L. & M. Coal Co.	Columbia	1,198	90	4	_	_
L. & R. Coal Co.	Columbia	-	20	2	-	-
M. & W. Coal Co.	Schuylkill	2,384	135	4	-	-
Mekosh Coal Co.	Columbia	400	60	4	-	-
Mince Coal Co.	Schuylkill	215	80	3	-	-
R. & P. Mining	Columbia	3,000	200	4	-	-
R. & S. Coal Co.	Columbia	200 590	150 45	4	-	-
Rockwell & Weir S. A. S. Coal Co.	Schuylkill Columbia	900	96	3	Ξ	Ξ
S. & K. Coal Co.	Columbia	2,238	165	3	_	_
Schlader & Reichwein	Columbia	2,361	200	3	-	-
Smith Coal Co.	Columbia	768	130	3	-	-
Urban Bros.	Schuylkill	800	156	3	-	Ξ.
Vinskie & Hoskie Coal Co.	Schuylkill	80	60	3	-	-
White Coal Co.	Columbia	2,244	160	4	-	-
Yost Coal Co.	Columbia	360	70			
District Total	L	44,812	127	110	-	-
	DIST	RICT 23	-			
A. & K. Coal Co.	Northumberlan	d 282	51	3	_	_
B. & B. Coal Co.	Northumberlan		290	3	-	-
B. & D. Coal Co.	Northumberlan		230	2	-	-
B. N. & S. Coal Co.	Northumberlan	d 2,750	220	3	-	-
B. O. & Y. Coal Co.	Northumberlan		140	3	-	-
Bartol & Co.	Northumberlan	d 70	31	3	-	-
C. & K. Coal Co.	Northumberlan	d 2,285	235 257	3	-	-
C. & M. Coal Co.	Northumberlan	d 1,875	257	3		-

			Days		Fatal Acci-	Non-fatal
Company	County P	roduction	Worked	Employes	dents	Accidents
	DISTR	ICT 23 (Co	ntinued)			
Clayberger Coal Co.	Northumberland	315	80	3	-	-
Dadura & Poplaski	Northumberland	150	60	2	-	-
Else Coal Co.	Northumberland	1,704	163	3	-	1
Gryskiewicz, Fred	Northumberland	2,400	250 232	3	-	-
H. K. & K. Coal Co. Henninger Coal Co.	Northumberland Northumberland	2,800 160	72	2	-	-
Kastroba & Kautter	Northumberland	2,323	288	3	_	
Kocur Coal Co.	Northumberland	1,490	150	3	_	_
Kopitsky Bros.	Northumberland	46	70	3	-	_
Lone Pine Coal Co.	Northumberland	4,232	282	3	-	_
Mayton Bros.	Northumberland	3,518	250	4	-	-
Oak Coal Co.	Northumberland	3,626	196	4	-	-
Olbrish Bros. Coal Co.	Northumberland	2,500	250	3	-	-
Olsenevich & Mosley	Northumberland	40	65	3	-	-
P. & R. Coal Co.	Northumberland	2,160	185 290	4	-	-
Perles Coal Co. Petro Coal Co.	Northumberland Northumberland	3,500 280	180	4 2	-	-
Ramph Bros. Coal Co.	Northumberland	3,500	250	3	-	-
Redd, Joseph	Northumberland	2,152	244	3	-	-
Sanders Coal Co.	Northumberland	2,490	274	4		
Skeeter Coal Co.	Northumberland	120	32	3		
Slodysko Coal Co.	Northumberland	_	30	3	_	_
White & Co.	Northumberland	230	150	3	_	_
Witkoski Coal Co.	Northumberland	1,430	150	3	-	-
Wolfgang Coal Co.	Schuylkill	1,500	200	3	-	-
Yanik Coal Co.	Northumberland	3,000	300	4	-	_
Yankoski & Borkoski	Northumberland	225	45	33		
District Tota	1	59,793	182	108		1
	DISTR	ICT 24	0.00			
A. & J. Coal Co.	Northumberland	629	125	4	_	_
A. & K. Coal Co.	Northumberland	1,450	95	3	_	_
B. & E. Coal Co.	Northumberland	20	30	3	-	_
B-P-E Coal Co.	Northumberland	150	30	4	-	-
B. & W. Coal Co.	Northumberland	2,160	170	4	-	-
Burnside Mining Co.	Northumberland	1,225	135	4	-	-
Carl Coal Co.						
Big Vein Slope No. 1	Northumberland	3,250	240	4	-	-
North Dip Slope No. 2 Total	Northumberland	3,250		- 4		 -
Costa Partners	Northumberland	30	10	2	 -	 -
Czech Brothers	Northumberland	2,520	210	4	_	
Dean Coal Co.	Northumberland	1,500	180	3	_	_
Dreibelbies Mining Co.		2,000				
Rock Shaft	Northumberland	2,300	154	4)	_	-
Rock Slope	Northumberland		106	<u> </u>	-	_
Total		2,300		4	-	-
Dugan Coal Co.	Northumberland	6,500	230	4	-	-
Edward & John Mine	Northumberland	93	21	2	-	-
Eldy Coal Co.	Northumberland	3,200	220	4	-	-
Flame Coal Co.	Northumberland	200	150	3	-	=
Four Partners	Northumberland	2,315	224	4	-	-
G. & H. Coal Co.	Northumberland	240	20	2	-	-
Glowaski-Wondoloski-Forti	Northumberland	125	60	3	-	-
Grego & Deitz Gripp Coal Co.	Northumberland Northumberland	1,922 6,708	300 254	4	-	_
Jeremiah Partnership	Northumberland	275	90	3	_	-
K-G-W Mining Co.	Northumberland	293	64	3	-	-
Kerstetter & Weikel	1107 GIIGHINGT TGIIG	273	04	,		_
No. 4 Vein Slope	Northumberland	1,570	142	4)	_	_
No. 3 Vein Slope	Northumberland	1,005	121	í	_	
Total		2,575		4		
Kilo Brothers						
No. 17 Vein Shaft	Northumberland	22	34	2)	-	-
No. 21 Vein Slope	Northumberland	100	40		-	
Total		122		2		

Company	County Pr	roduction	Days Worked	Employes	Fatal Acci- dents	Non-fatal Accidents
	DISTR	ICT 24 (Co	ntinued)			
L. & G. Coal Co.		400				
No. 102 Vein Slope	Northumberland	400 700	45	4)	-	-
No. 9 Vein Split Slope Total	Northumberland	1,100	155	4		
L. & Z. Coal Co.	Northumberland	4,065	200	4		 -
Linda Mining Co.	1102 0110110002 2 0110	4,005	200	7	_	
No. 1 Slope	Northumberland	250)	3)	_	_
No. 2 Slope	Northumberland	216	240)	- j	_	_
Loreen Coal Co.	Northumberland	240	120	2	-	-
Lytle Bros. Partnership	Northumberland	250	300	4	-	-
M. & J. No. 2 Slope	Northumberland	275	90	3	-	-
M. & Z. Coal Co.	Northumberland	1,860	110	3	-	-
Morata Coal Co.	Northumberland	2,077	110	4	-	-
Outcrop Coal Co.	Northumberland	60	15 38	3	-	-
Patrick Coal Co.	Northumberland Northumberland	228 525	150	3	-	
R. & M. Mining Co. R-P Coal Co.	Northumberland	4,600	230	3	-	-
Radziewicz Bros. Coal Co.	Northumberland	1,780	212	3	-	-
Thin Vein Coal Co.			180	4)		
No. 1 Slope	Northumberland	1,500		4)	-	-
No. 2 Slope	Northumberland	2,500	85	4		
Valera Coal Co.	Northumberland	2,077	110	4	- -	
Wallick Bros. Coal Co.	Northumberland	6,544	224	4		-
Worhacz, Russell	Northumberland	525	100	2	_	_
Worhacz & Appel Co.	Northumberland	889	110	2	_	_
Y. & F. Coal Co.	Northumberland	810	135	3		-
Y. & W. Coal Co.	Northumberland	624	78	3		
District Tota	1	71,297	159	145	-	-
	DISTR	ICT 25				
A. Z. U. Coal Co.	Schuylkill	75	25	2	_	_
Anthracite Fine Coals, Inc.	Schuylkill	-	40	. 4	-	-
Augustine Co., M.	Schuylkill	570	40	. 3	-	_
						_
B. & K. Coal Co.	Schuylkill	300	60	2	-	-
Bonawitz Coal Co.	Schuylkill	3,300	220	3	-	-
Bonawitz Coal Co. Donofrio Co., Tony	Schuylkill Schuylkill	3,3 00	220 35	3 2	=	-
Bonawitz Coal Co. Donofrio Co., Tony Falls Coal Co.	Schuylkill Schuylkill Schuylkill	3,300 70 1,620	220 35 245	3 2 3	Ē	:
Bonawitz Coal Co. Donofrio Co., Tony Falls Coal Co. Fasnacht Coal Co.	Schuylkill Schuylkill Schuylkill Schuylkill	3,300 70 1,620 3,050	220 35 245 254	3 2 3 3	:	:
Bonawitz Coal Co. Donofrio Co., Tony Falls Coal Co. Fasnacht Coal Co. Faust, Charles	Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill	3,300 70 1,620 3,050 7,400	220 35 245 254 296	3 2 3 3 4	-	-
Bonawitz Coal Co. Donofrio Co., Tony Falls Coal Co. Fasnacht Coal Co. Fasnacht, Charles Fegley Coal Co., Ernest	Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill	3,300 70 1,620 3,050 7,400 130	220 35 245 254 296 40	3 2 3 3 4 2		
Bonawitz Coal Co. Donofrio Co., Tony Falls Coal Co. Fasnacht Coal Co. Faust, Charles Fegley Coal Co., Ernest Fishburn & Young Coal Co.	Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill	3,300 70 1,620 3,050 7,400 130 716	220 35 245 254 296 40 62	3 2 3 3 4 2 3		-
Bonawitz Coal Co. Donofrio Co., Tony Falls Coal Co. Fasnacht Coal Co. Fasnacht Coal Co. Faust, Charles Fegley Coal Co., Ernest Fishburn & Young Coal Co. H. M. S. Coal Co.	Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill	3,300 70 1,620 3,050 7,400 130 716 6,463	220 35 245 254 296 40 62 175	3 2 3 3 4 2 3 4	-	-
Bonawitz Coal Co. Donofrio Co., Tony Falls Coal Co. Fasnacht Coal Co. Faust, Charles Fegley Coal Co., Ernest Fishburn & Young Coal Co. H. M. S. Coal Co.	Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill	3,300 70 1,620 3,050 7,400 130 716 6,463 2,186	220 35 245 254 296 40 62 175 42	3 2 3 4 2 3 4 4		
Bonawitz Coal Co. Donofrio Co., Tony Falls Coal Co. Fasnacht Coal Co. Fasnacht Coal Co. Faust, Charles Fegley Coal Co., Ernest Fishburn & Young Coal Co. H. M. S. Coal Co.	Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill	3,300 70 1,620 3,050 7,400 130 716 6,463 2,186 1,250	220 35 245 254 296 40 62 175	3 2 3 3 4 2 3 4	-	
Bonawitz Coal Co. Donofrio Co., Tony Falls Coal Co. Fasnacht Coal Co. Fasnacht Coal Co. Faust, Charles Fegley Coal Co., Ernest Fishburn & Young Coal Co. H. M. S. Coal Co. Haldeman Coal Co. Hawk Coal Co.	Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill	3,300 70 1,620 3,050 7,400 130 716 6,463 2,186	220 35 245 254 296 40 62 175 42 250	3 2 3 4 2 3 4 4 2	-	
Bonawitz Coal Co. Donofrio Co., Tony Falls Coal Co. Fasnacht Coal Co. Faust, Charles Fashburn & Young Coal Co. H. M. S. Coal Co. Hawke Coal Co. Hawke Coal Co. Hawk Coal Co. Hawk Coal Co.	Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill	3,300 70 1,620 3,050 7,400 130 716 6,463 2,186 1,250 1,200 3,200 9,220	220 35 245 254 296 40 62 175 42 250 250	3 2 3 4 2 3 4 4 2 3		
Bonawitz Coal Co. Donofrio Co., Tony Falls Coal Co. Fasnacht Coal Co. Fasnacht Coal Co. Fasnacht Coal Co. Frest Fegley Coal Co., Ernest Fishburn & Young Coal Co. H. M. S. Coal Co. Haldeman Coal Co. Hath Coal Co. Huth Coal Co. Kutinger Coal Co., Harry	Schuylkill	3,300 70 1,620 3,050 7,400 130 716 6,463 2,186 1,250 1,200 3,200 9,220	220 35 245 254 296 40 62 175 42 250 250 113	3 2 3 4 2 3 4 4 2 3 4		
Bonawitz Coal Co. Donofrio Co., Tony Falls Coal Co. Fasnacht Coal Co. Faust, Charles Fegley Coal Co., Ernest Fishburn & Young Coal Co. H. M. S. Coal Co. Hawk Coal Co. Hawk Coal Co. Klinger Coal Co., Harry Knorr & Geist Co.	Schuylkill	3,300 70 1,620 3,050 7,400 130 716 6,463 2,186 1,250 1,200 3,200	220 35 245 254 296 40 62 175 42 250 250 113 248	3 3 3 4 2 3 4 4 2 3 4 4 4 2 3 4 4 4 2 3		
Bonawitz Coal Co. Donofrio Co., Tony Falls Coal Co. Fasnacht Coal Co. Fasnacht Coal Co. Fasnacht Coal Co. Fishburn & Young Coal Co. H. M. S. Coal Co. Hawk Coal Co. Hawk Coal Co. Klinger Coal Co., Harry Knorr & Geist Co. K	Schuylkill	3,300 70 1,620 3,050 7,400 130 716 6,463 2,186 1,250 1,200 9,220 6,268	220 35 245 254 296 40 62 175 42 250 250 113 248 180 96 250	3 2 3 3 4 2 3 4 4 2 3 4 4 4 2 3 4 4 4 2 3 3		
Bonawitz Coal Co. Donofrio Co., Tony Falls Coal Co. Fasnacht Coal Co. Faust, Charles Fegley Coal Co., Ernest Fishburn & Young Coal Co. H. M. S. Coal Co. Hawk Coal Co. Hawk Coal Co. Klinger Coal Co., Harry Knorr & Geist Co. Knorr Coal Co. Knorr Coal Co. Knorn Coal Co. Koosc Co., Marcus Koperna & Co., Frank	Schuylkill	3,300 70 1,620 3,050 7,400 130 716 6,463 2,186 1,250 1,200 3,200 9,220 6,268 416 3,000 4,640	220 35 245 254 296 40 62 175 42 250 250 113 248 180 96 250 244	3 2 3 3 4 4 2 3 4 4 4 2 3 4		
Bonawitz Coal Co. Donofrio Co., Tony Falls Coal Co. Fasancht Coal Co. Faust, Charles Fegley Coal Co., Ernest Fishburn & Young Coal Co. H. M. S. Coal Co. Hawk Coal Co. Hawk Coal Co. Khinger Coal Co., Harry Knorr & Geist Co. Knorr & Geist Co. Koons Co., Marcus Koperna & Co., Frank Koperna Coal Co. L. & W. Co.	Schuylkill	3,300 70 1,620 3,050 7,400 130 716 6,463 2,186 1,250 1,200 9,220 6,268 416 3,000 4,640	220 35 245 254 296 40 62 175 42 250 113 248 180 96 250 244 20	3 2 3 3 4 4 2 3 4 4 4 2 3 4 4 4 2 3 4 2 3 4 2 2 3 4 4 2 2 3 4 4 2 2 3 4 4 4 2 2 3 4 4 4 2 2 3 4 4 4 4		
Bonawitz Coal Co. Donofrio Co., Tony Falls Coal Co. Fasnacht Coal Co. Faust, Charles Fegley Coal Co., Ernest Fishburn & Young Coal Co. H. M. S. Coal Co. Hawk Coal Co. Hawk Coal Co. Klinger Coal Co., Harry Knorr & Geist Co. Knorr Coal Co. Knorr Coal Co. Knorr Coal Co. Loens Co., Frank Koperna Coal Co. L. & W. Co. Leininger Co., Charles	Schuylkill	3,300 70 1,620 3,050 7,400 130 716 6,463 2,186 1,250 3,200 9,220 6,268 416 3,000 4,640 10 200	220 35 245 254 296 40 62 175 42 250 250 113 248 180 96 250 244 20 26	3 2 3 3 4 4 2 3 4 4 4 2 3 4 2 2 2		
Bonawitz Coal Co. Donofrio Co., Tony Falls Coal Co. Fasnacht Coal Co. Faust, Charles Fegley Coal Co., Ernest Fishburn & Young Coal Co. H. M. S. Coal Co. Hawk Coal Co. Hawk Coal Co. Klinger Coal Co., Harry Knorr & Geist Co. Knorr & Geist Co. Knorr Coal Co., Frank Koperna Co., Frank Koperna Coal Co., Frank Loger Co., Frank Koperna Coal Co. Le W. Co. Leininger Co., Charles Licoma Coal Co.	Schuylkill	3,300 1,620 3,050 7,400 716 6,463 2,186 1,250 1,200 3,200 9,220 6,268 416 3,000 4,640 10	220 35 245 254 296 40 62 175 42 250 250 113 248 180 96 250 244 20 26	3 2 2 3 3 4 2 2 3 4 4 4 2 3 4 4 2 2 2 4		
Bonawitz Coal Co. Donofrio Co., Tony Falls Coal Co. Fasnacht Coal Co. Faust, Charles Fegley Coal Co., Ernest Fishburn & Young Coal Co. Haldeman Coal Co. Haldeman Coal Co. Hath Coal Co. Klinger Coal Co., Harry Knorr & Geist Co. Knorr Coal Co. Kons Co., Marcus Koperna Coal Co. L. & W. Co. Leininger Coal Co. Liceninger Co., Charles Licoma Coal Co. Madenford Coal Co.	Schuylkill	3,300 1,620 3,050 7,400 130 716 6,463 2,186 1,250 9,220 9,220 6,268 416 3,000 4,640 10 200 3,600 7,448	220 35 245 254 296 40 62 175 250 250 2113 248 180 96 250 240 26 237 329	3 2 3 3 4 2 3 4 4 4 2 3 4 4 2 2 4 4		-
Bonawitz Coal Co. Donofrio Co., Tony Falls Coal Co. Fasnacht Coal Co. Fasnacht Coal Co. Faster Charles Fegley Coal Co., Ernest Fishburn & Young Coal Co. H. M. S. Coal Co. Hawk Coal Co. Hawk Coal Co. Klinger Coal Co., Harry Knorr & Geist Co. Knorr Coal Co., Frank Koperna Coal Co., Frank Koperna Coal Co. La W. Co. Leininger Co., Charles Llcoma Coal Co. Madenford Coal Co. Madenford Coal Co. Malusky Coal Co.	Schuylkill	3,300 1,620 3,050 7,400 130 716 6,463 2,186 1,250 1,200 3,200 6,268 416 3,000 4,640 0,3600 7,448 3,860	220 35 245 254 296 40 62 175 42 250 113 248 180 96 250 244 20 26 237 329 210	3 2 3 3 4 4 2 3 4 4 4 2 3 4 4 4 2 3 4 4 4 4		-
Bonawitz Coal Co. Donofrio Co., Tony Falls Coal Co. Faust, Charles Fegley Coal Co., Ernest Fishburn & Young Coal Co. Haldeman Coal Co. Haldeman Coal Co. Hath Goal Co. Klinger Coal Co., Harry Knorr & Geist Co. Knorr Coal Co. Kons Co., Marcus Koperna Coal Co. L. & W. Co. Leininger Coal Co. Klick Coal Co. Matsus Koperna Coal Co. Matsus Koperna Coal Co. Matsus Macon Coal Co. Malusky Coal Co. Malusky Coal Co. Malusky Coal Co. Malusky Coal Co.	Schuylkill	3,300 1,620 3,050 7,400 130 716 6,463 2,186 1,250 1,200 9,220 6,268 416 3,000 4,640 1,000 3,600 4,640 2,708	220 35 245 254 296 40 62 250 250 113 248 180 96 250 244 20 26 26 37 329 210 245	3 2 3 3 4 4 2 3 4 4 4 4 2 3 4 4 4 4 2 3 4 4 4 4		-
Bonawitz Coal Co. Donofrio Co., Tony Falls Coal Co. Fasnacht Coal Co. Fasnacht Coal Co. Fasnacht Coal Co. Fasnacht Coal Co. Hawk Coal Co. Hawk Coal Co. Hawk Coal Co. Hawk Coal Co. Klinger Coal Co., Harry Knorr & Geist Co. Klorr Coal Co. Knorr Coal Co. Knorr Coal Co. Lawk Co., Frank Koperna & Co., Frank Koperna & Co., Charles Licoma Coal Co. Madenford Coal Co. Madenford Coal Co. Maunisky Coal Co. Mountain Top Coal Co. Mountain Top Coal Co.	Schuylkill	3,300 1,620 3,050 7,400 130 716 6,463 2,186 1,250 1,200 9,220 6,268 416 3,000 3,600 7,448 3,860 2,708	220 35 245 245 254 40 62 175 42 250 250 2113 248 180 96 254 244 20 26 237 329 210 245 242	3 3 4 2 2 3 4 4 4 4 4 4 4 4 4 4	-	-
Bonawitz Coal Co. Donofrio Co., Tony Falls Coal Co. Faust, Charles Fegley Coal Co., Ernest Fishburn & Young Coal Co. Haldeman Coal Co. Haldeman Coal Co. Haldeman Coal Co. Haldeman Coal Co. Hinger Coal Co., Harry Knorr & Geist Co. Klinger Coal Co., Harry Knorr & Geist Co. Knorr Coal Co. L & W. Co. Leininger Coal Co. L. & W. Co. Licininger Coal Co. Malusky Coal Co. Malusky Coal Co. Malusky Coal Co. Malusky Coal Co. Pinchorski Coal Co. Pinchorski Coal Co. Pinchorski Coal Co.	Schuylkill	3,300 1,620 3,050 7,400 130 716 6,463 2,186 1,250 1,200 9,220 4,640 1,000 3,600 3,600 3,600 3,600 2,708 316 2,708 316 2,500	220 35 245 254 296 40 62 250 250 213 248 180 96 250 244 20 26 237 329 210 245 42 260	3 4 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		-
Bonawitz Coal Co. Donofrio Co., Tony Falls Coal Co. Fasnacht Coal Co. Fasnacht Coal Co. Fasnacht Coal Co. Fasnacht Coal Co. Hawk Toung Coal Co. H. M. S. Coal Co. Hawk Coal Co. Hawk Coal Co. Klinger Coal Co., Harry Knorr & Geist Co. Klorr & Geist Co. Knorr Coal Co. Knorr Coal Co. Loe W. Co. Loe Coal Co. Madenford Coal Co. Madenford Coal Co. Maulusky Coal Co. Mountain Top Coal Co. Mountain Top Coal Co. Ray Coal Co. Ray Coal Co. Rey Coal Co.	Schuylkill	3,300 1,620 3,055 7,400 130 716 6,463 1,200 1,200 3,200 9,220 6,268 4,640 10 200 3,600 7,448 3,860 2,708 3,860 2,708 3,860 2,708 3,860 2,708 3,860 2,708 3,860 2,708 3,860 3,860 3,86	220 35 245 254 40 62 175 42 250 250 113 248 180 96 254 24 20 26 237 329 210 245 42 26 26 27 329 42 42 42 42 42 42 48 48 48 48 48 48 48 48 48 48 48 48 48	3 3 4 2 2 3 4 4 4 4 4 4 4 4 4 4	-	-
Bonawitz Coal Co. Donofrio Co., Tony Falls Coal Co. Faust, Charles Fegley Coal Co., Ernest Fishburn & Young Coal Co. Haldeman Coal Co. Haldeman Coal Co. Huth Coal Co. Horry Knorr & Geist Co. Knorr Coal Co. Harry Koperna Coal Co. L. & W. Co. Leininger Co., Charles Licoma Coal Co. Malusky Coal Co. Malusky Coal Co. Malusky Coal Co. Nalusky Coal Co. Pinchorski Coal Co. Reiner Coal Co. Reiner Coal Co.	Schuylkill	3,300 7,1620 3,050 7,400 1,000 716 6,463 2,186 1,200 3,200 4,640 10 200 3,600 7,448 3,860 2,708 316 2,500 5,512 412	220 35 245 254 296 40 62 250 250 213 248 180 96 250 244 20 26 237 329 210 245 42 260	3 3 4 4 2 3 4 4 4 4 4 4 4 4 3 3 3	-	-
Bonawitz Coal Co. Donofrio Co., Tony Falls Coal Co. Fasnacht Coal Co. Fasnacht Coal Co. Fasnacht Coal Co. Fasnacht Coal Co. Hawk Toung Coal Co. H. M. S. Coal Co. Hawk Coal Co. Hawk Coal Co. Klinger Coal Co., Harry Knorr & Geist Co. Klorr & Geist Co. Knorr Coal Co. Knorr Coal Co. Loe W. Co. Loe Coal Co. Madenford Coal Co. Madenford Coal Co. Maulusky Coal Co. Mountain Top Coal Co. Mountain Top Coal Co. Ray Coal Co. Ray Coal Co. Rey Coal Co.	Schuylkill	3,300 1,620 3,055 7,400 130 716 6,463 1,200 1,200 3,200 9,220 6,268 4,640 10 200 3,600 7,448 3,860 2,708 3,860 2,708 3,860 2,708 3,860 2,708 3,860 2,708 3,860 2,708 3,860 3,860 3,86	220 35 245 254 40 62 175 42 250 250 113 248 180 96 250 244 20 26 237 329 210 245 42 260 48 85	3 4 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 3 3 3 3	-	1
Bonawitz Coal Co. Donofrio Co., Tony Falls Coal Co. Fasnacht Coal Co. H. M. S. Coal Co. Hawk Coal Co. Hawk Coal Co. Hawk Coal Co. Klinger Coal Co., Harry Knorr & Geist Co. Knorr Coal Co. Knorr Coal Co. Loan Coal Co. Malusky Coal Co. Malusky Coal Co. Mountain Top Coal Co. Mountain Top Coal Co. Ray Coal Co. Ray Coal Co. Ray Coal Co. Renninger Coal Co.	Schuylkill	3,300 7,1620 3,055 7,400 1300 716 6,463 1,250 1,200 3,200 6,268 4,640 10 200 3,600 7,448 3,860 2,708 3	220 35 245 254 40 62 175 42 250 113 248 180 96 250 244 20 26 237 329 210 245 42 260 48 48 56	3 2 2 3 4 4 2 2 3 4 4 4 4 4 4 4 4 4 4 3 3 3 3	-	-

Company	County	Production	Days Worked	Employes	Fatal Acci- dents	Non-fatal Accidents
	DI	STRICT 25 (Cor	ntinued)			
Viola Coal Co.	Schuylkill	6,876	312	4	-	-
Weihrauch's	Schuylkill	915	251	1		-
District Total		103,971	175	119	-	4
	DI	STRICT 26				
B. & C. Coal Co.	Schuylkill	180	45	3	-	-
B. D. & S. Coal Co.	Schuylkill	2,434	260	4	-	1
B. & H. Coal Co.	Schuylkill	150 882	50 215	3	-	
B. & N. Coal Co. Biskupics & Co.	Schuylkill Schuylkill	1,364	192	3	-	-
Bologa & Co.	Schuylkill	150	60	3	-	
Brinsko & Co.	Schuylkill	980	160	3	-	_
Brokenshire & Co.	Schuylkill	2,569	273	4	-	-
Byer Coal	Schuylkill	660	120	3	-	-
Forgotsch Bros.	Schuylkill	2,063	305	4	-	-
Garzio & Co.	Schuylkill	200	60	3	-	-
H. & M. Coal Co.	Schuylkill	1,786	260	4	-	-
K. & K. Coal Co.	Schuylkill	600 100	120 35	3	-	-
Kluchinsky & Co. Lazo Coal Co.	Schuylkill Schuylkill	1,150	200	3	-	_
Matrishin Coal Co.	Schuylkill	1,270	257	3	-	
Mockinick, Metro	Schuylkill	100	50	3	_	_
Moran & Co.	Schuylkill	1,258	197	4	-	-
Olman Coal Co.	Schuylkill	1,472	287	3	-	-
S. & S. Coal Co.	Schuylkill	1,932	300	4	-	-
S. S. & Z. Coal Co.	Schuylkill	1,109	180	4	-	-
Sabol & Co.	Schuylkill	310	65	3	-	-
Sabol & Co.	Schuylkill	240	80	3	-	-
Semanco & Chuppasko Simoes & Co.	Schuylkill	1,090	227	2	-	
Little Buck Mountain Slope	Schuylkill	676	58	3	-	-
Skidmore Slope Total	Schuylkill	1,684	212	<u>3</u>		-
Soucheck & Co.	Schuylkill	2,360 1,761	196	4		
Styka Coal Co.	Schuylkill	2,150	230	4	_	_
Taris & Co.	Schuylkill	990	200	3	-	-
Wadleigh Coal Co.	Schuylkill	3,175	210	4	-	-
Whytko & Co.	Schuylkill	1,038	200	4		
District Total		35,523	177	103	-	1
	זח	STRICT 27	-			
			252			
Ascioti Coal Co.	Schuylkill	4,144 450	253 60	4	-	-
B. & D. Coal Co. B. & L. Coal Co.	Schuylkill Schuylkill	1.680	120	3	_	_
B. Z. & D. Coal Co.	Schuylkill	2,450	160	3	_	
Beaver Coal Co.	Schuylkill	900	90	4	_	- - - 1
Bolich Coal Co.	Schuylkill	450	100	3	-	-
C. & W. Coal Co.	Schuylkill	60	10	3	-	-
C. & Y. Coal Co.	Schuylkill	210	40	3	-	1
Cliff Coal Co.	Schuylkill	2,553	160	4	-	Ξ
Colket Coal Co.	Schuylkill	3,000	300	4	-	
Crossroads Coal Co. Dembinsky Coal Co., N.	Schuylkill Schuylkill	10	71 40	3	-	-
Dembinsky Coal Co., W.	Schuylkill	168	24	3		
No 6				3	-	_
No. 5		70		3	-	-
No. 6	Schuylkill	72 536	67	3	_	_
	Schuylkill Schuylkill	72 536 328	43	3	_	
No. 6 No. 7	Schuylkill	536			-	
No. 6 No. 7 No. 8 Total	Schuylkill Schuylkill Schuylkill Schuylkill	536 328 1,104 30	43 52 6	13 4	-	-
No. 6 No. 7 No. 8 Total Devers Coal Co. Fetterolf Coal Co. G. & T. Coal Co.	Schuylkill Schuylkill Schuylkill	536 328 1,104	43 52	4 13	-	-
No. 6 No. 7 No. 8 Total Devers Coal Co. Fetterolf Coal Co. G. & T. Coal Co. H. & M. Coal Co.	Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill	536 328 1,104 30 250 5,000	43 52 6 90 250	4 13 4 3 4	-	-
No. 6 No. 7 No. 8 Total Devers Coal Co. Fetterolf Coal Co. G. & T. Coal Co.	Schuylkill Schuylkill Schuylkill Schuylkill Schuylkill	536 328 1,104 30 250	43 52 6 90	4 13 4 3	-	-

Company	County	Production	Days Worked	Employes	Fatal Acci- dents	Non-fatal Accidents
	DIS	STRICT 27 (Con	ntinued)			
H. & S. Coal Co.	Schuylkill	3,067	265	4	-	-
Haas Coal Co.	Schuylkill	3,120	208	4	-	1
J. E. B. Coal Co.	Schuylkill	1,500	200	3	-	-
K. & S. Coal Co.	Schuylkill	940	210	2	-	-
Klinger Coal Co., E.	Schuylkill	5,000	275	3	-	:
L. & N. Coal Co. Makarcyzk Bros. Partnership	Schuylkill Schuylkill	2,040	10 204	3	-	-
Mataka Coal Co.	Schuylkill	5,490	183	4		
Mickey Coal Co.	Schuylkill	1,280	168	4	-	_
Neumeister Coal Co., Martha	Schuylkill	4,690	291	4	-	-
Sorokach Coal Co.	Schuylkill	1,210	185	3	-	-
Stoppi Coal Co.	Schuylkill	200	40	4	-	-
Stumpf Coal Co.	Schuylkill	1,832	180	4	-	1
Tokarchek Coal Co.	Schuylkill	2,216	180	3	-	7
Watcher Coal Co.	Schuylkill	1,800	240	3		
District Total		57,904	141	122	-	5
	DIS	STRICT 28				
A. F. & M. Coal Co.	Northumberlar	nd 49	27	3	-	-
Adams Coal Co.						
No. 1 Slope No. 3 Slope	Northumberlar Northumberlar		232 60	4	-	-
No. 3 Slope Total	Northumberlan	5,800	60	4		
Alarcon Coal Co.	Northumberlan		72	4		
B. & B. Coal Co.	Northumberlan		260	4	-	1
B. & C. Coal Co.	Northumberlar	nd 2,430	247	3	-	-
B. & H. Coal Co.	Northumberlar	nd 1,843	76	4	-	
B. & N. Coal Co.	Northumberlar		66	4	-	-
Bell Coal Co.	Northumberlar		220	3	-	-
C. & M. Coal Co.	Northumberlar		280 167	4	-	
Cherry Coal Co., Clair	Northumberlar Northumberlar		93	3	-	-
Collier Coal Co., Hilbert	Northumberlar		43	3	-	
D. & J. Coal Co.	Northumberlan		304	4		_
D. & K. Coal Co.	Northumberlan		75	3	-	-
Dallabrida Coal Co.	Northumberlan	nd 8,340	278	4	-	-
E. & I. Coal Co.	Northumberlan	nd 7,401	275	4	-	-
F. & F. Mining Co.	Northumberlar		25	4	-	-
Fetterolf Coal Co.	Northumberlar		285	4	-	-
Foura Coal Co.	Northumberlar		200	4	-	7
Garcia Coal Co. Gowen Coal Co.	Northumberlar	nd 5,408	177	4	-	1
No. 1 Slope	Northumberlar Northumberlar		21	4	-	-
No. 2 Slope Total	MOLLUMIDELIA	1,680	21	8		
Gusick Coal Co.	Northumberlan		203	4		
Harry's Coal Co.	Northumberlar		237	4	-	-
Hilltop Coal Co.	Northumberlan	nd 120	75	3	-	-
K. W. & J. Coal Co.	Northumberlar		240	4	-	-
Kerstetter Coal Co.	Northumberlar		208	4	-	-
Kulpmont Coal Co.	Northumberlar		241	4	-	-
L. & L. Coal Co.	Northumberlar		227 200	3	-	-
L. & S. Coal Co. Lotus Coal Co.	Northumberlar Northumberlar		260	3	-	_
M. G. & S. Coal Co.	Northumberlar		204	4	_	
M. & M. Coal Co.	Northumberlar		200	4	_	-
Mattis Coal Co.	Northumberlan		274	4	-	-
Maurer, Paul	Northumberlan	nd 9,828	310	4	-	-
Maurer Mine, Raymond	Northumberlar	nd 8,730	291	4	-	-
Moore Coal Co.	Northumberlar		90	3	-	-
No. 1 Vein Coal Mine	Northumberlar		169	4	-	-
R. & Z. Coal Co.	Northumberlar Northumberlar		45 30	3 2	_	-
Royal Mining Co. S. & M. Coal Co.	Northumberlan		243	3		
South Mountain Coal Co.	Northumberlan		275	4	_	-
		.,	2.5			

					Fatal	
			Days		Acci-	Non-fatal
Company	County Pr	oduction	Worked	Employes	dents	Accident
	DISTR	ICT 28 (Co	ntinued)			
Star Coal Co.						
No. 1 Slope	Northumberland	5,110	128	4	1	-
No. 2 Slope Total	Northumberland	270 5,380	80	8	1	
Stellar Brothers Coal Co.						
No. 1 Slope	Northumberland	4,580	135	4	-	-
No. 2 Slope	Northumberland	3,060	135	4		
Sun Coal Co.		7,640		88		
No. 1 Slope	Northumberland	3,920	173	4	-	-
No. 2 Slope	Northumberland	1,050	90	4		
Total		4,970	-/-	8		
Trevorton Coal Co. Triple S Coal Co.	Northumberland Northumberland	600 550	60 75	3	_	-
Twin Oaks Coal Co.	Northumberland	2,640	241	4	_	_
V. & M. Coal Co.	Northumberland	60	20	3	-	-
W. & S. Coal Co.	Northumberland	6,000	250	44		
District Tota	1	190,511	173	196	1	2
21341144 1444	•	1,0,511	110	1,0	•	-
* Trial Slope, no productio	n		-			
	Dicto	ICT 29				
A. & W. Coal Co.	DISTR Northumberland	2,600	225	3	_	-
B. & B. Coal Co.	Northumberland	4,990	250	4	-	_
B. & D. Coal Co.						
No. 1 Slope	Northumberland	2,910	235	3	-	-
No. 2 Slope Total	Northumberland	4,389	187	6		
B. & K. Coal Co.	Northumberland	1,880	95	3	-	-
B. & L. Coal Co.	Northumberland	1,816	236	3	-	-
B. K. P. Coal Co.	Northumberland	3,604	302	4	-	-
B. & Z. Coal Co. B. T. Z. Partnership	Northumberland Northumberland	1,489 858	142 88	2 3	_	_
Blue Coal Co.	Northumberland	3,805	275	4	_	_
Bogetti Coal Co.	Northumberland	932	76	3	-	-
C. & M. Coal Co.	Northumberland	1,500	135	2	-	-
Cherry Hill Coal Co. Corbin Coal Co.	Northumberland Northumberland	1,800 1,553	172 179	3	-	-
Crossroads Coal Co.	Northumberland	1,430	145	3	_	Ξ.
Crown Coal Co.	Northumberland	2,300	100	4	-	-
D. & D. Coal Co.	Northumberland	450	60	3	-	-
D. D. Z. Coal Co. Dot Coal Co.	Northumberland Northumberland	980 1,628	103 190	3 2	-	-
G. & G. Coal Co.	Northumberland	1,800	140	3	_	
Guisbert Coal Co.	Northumberland	1,427	81	3	-	-
H. & H. Coal Co.	Northumberland	924	131	2	_	-
H. & S. Coal Co.	Northumberland	1,870	260 245	2		-
J. & K. Coal Co. J. & L. Coal Co.	Northumberland Northumberland	2,970 1,712	147	3	_	-
J. J. J. Coal Co.	Northumberland	1,614	96	4	-	-
Joe Coal Co.	Northumberland	1,836	176	3	-	1
K. & G. Coal Co.	Northumberland	4,690	300	4	-	1
K. K. K. Coal Mining Part. K. & K. Coal Co.	Northumberland Northumberland	2,264 290	180 24	3	_	-
K. & L. Coal Co.	Northumberland	1,900	178	3	_	_
K. & S. Coal Co.	Northumberland	1,120	280	2	-	-
K. & Z. Coal Co.	Northumberland	3,400	258	3	-	-
Kabonick Coal Co. Kaleta Coal Co.	Northumberland Northumberland	940 3,940	56 265	3 4	-	
Kopitsky Bros. Partnership	Northumberland	690	79	3	_	-
L. & D. Coal Co.	Northumberland	1,698	187	3	-	-
L. & L. Coal Co.	Northumberland	840	49	3	-	-
L. & S. Coal Co. L. & W. Coal Co.	Northumberland Northumberland	2,525	206 86	2	-	-
L. & Z. Coal Co.	Northumberland	1,286 896	102	2	_	-
Little Coal Co.	Northumberland	1,299	72	3	_	-
Long & Long Coal Co.	Northumberland	410	71	2	-	-
M. & D. Coal Co. Maple Coal Co.	Northumberland	2,800	190	4 2	-	-
Mattis Coal Co.	Northumberland Northumberland	1,300 2,290	280 290	3	-	

Company	County	Production	Days Worked	Employes	Fatal Acci- dents	Non-fatal Accidents
	DIST	RICT 29 (Co	ntinued)			
McBab Coal Co.	Northumberland		230	2	-	-
Miller Coal Co.	Northumberland	1,960	250	3	-	-
Morata Coal Co.	Northumberland		104	4	-	-
Motto Bros. Coal Co.	Northumberland		245	3	-	-
Motto Partnership	Northumberland		60	2	-	-
N. & G. Coal Co.	Northumberland		100	3	-	-
N. & M. Coal Co.	Northumberland	2,800	180	4	-	-
Nahodil Coal Co. No. 5 Vein Coal Co.	Northumberland Northumberland		189 162	2	-	-
Oak Coal Co.	Northumberland		88	3	-	-
P. S. V. Partnership	Northumberland		274	4	-	_
P. & Z. Coal Co.	Northumberland		144	3	-	-
Petrovich Coal Co.					-	-
No. 1 Slope	Northumberland		246	4	-	-
No. 2 Slope	Northumberland		100	3		
Total		6,008		7		
Polinka Coal Co.	Northumberland		130	2	-	-
Plymouth Coal Co.	Northumberland		190	2	-	-
Rocky Side Coal Co.	Northumberland		263	4	-	-
Royal Coal Co.	Northumberland		245	3	-	-
Royal Oak Coal Co. S. & H. Coal Co.	Northumberland Northumberland		76	3	-	-
S. & S. Coal Co.	Northumberland	6,940	225 1.46	3	-	-
Shady Side Coal Co. No. 1	Northumberland		50	3	-	-
Shady Side No. 2 Mine	Northumberland		100	3	-	-
Shoffler Coal Co.	Northumberland		91	4	-	-
Small Three Coal Co.	Northumberland		245	3		
Soroka & Merena Coal Co.	Northumberland	1,690	280	2	_	-
Stag Coal Co.	Northumberland		276	4	_	-
T. P. Coal Co.	Northumberland		145	3	_	_
T. & W. Coal Co.	Northumberland		102	2	_	_
Trevorton Coal Co.	Northumberland		125	4	-	-
W. B. W. Coal Co.	Northumberland	980	102	3	-	_
W. & G. Coal Co.	Northumberland	421	40	3	-	-
W. G. H. Coal Co.	Northumberland		70	4	-	-
W. P. M. Coal Co.	Northumberland		42	3	-	-
W. W. H. Coal Co.	Northumberland		65	3	-	-
West Point Coal Co.	Northumberland		280	3	-	-
Wilk Coal Co.	Northumberland		266	4	-	-
Y. & G. Coal Co.	Northumberland		56	2	-	-
Y. & R. Coal Co.	Northumberland		158	3	-	-
Zagarski Coal Co.	Northumberland	1,800	160			
District Total		167,454	165	258	-	1
	DIST	RICT 30				
A. & H. Coal Co.	Dauphin	600	60	4		_
A. & P. Coal Co.	Schuylkill	30	90	3	_	
A. & Z. Coal Co.	Schuylkill	1,339	120	4		_
Anspach & Umbenhauer Coal Co.		360	35	3	_	-
Artz Coal Co., Fred	Dauphin	400	32	4	-	-
B. B. K. Coal Co.	Schuylkill	904	170	3	-	-
B. & E. Coal Co.	Dauphin	1,900	245	2	-	-
B. & H. Coal Co.	Dauphin	450	28	3	-	_
B. H. M. Coal Co.	Dauphin	385	77	2	-	_
B. & M. Coal Co.	Dauphin	3,600	240	3	-	-
B. & P. Coal Co.	Schuylkill	1,450	102	3	-	1
B. R. T. Coal Co.	Schuylkill	4,256	290	3	-	-
Bell & Co., Thomas	Dauphin	65	21	3	-	-
Blyler Coal Co., Glen	Dauphin	332	189	1	-	-
C. H. R. Coal Co.	Dauphin	226	48	3	-	-
C. R. S. & W. Coal Co.	Dauphin	1,071	72	4	-	-
Ciesnolevicz Coal Co.	Dauphin	216	50	2	-	-
Etzweiler Coal Co. Gonder Coal Co.	Schuylkill	300	28	2	-	-
	Dauphin	876	130	3	-	-
Big Vein Slope						
Big Vein Slope White's Vein Slope Total	Dauphin	176	157	3 6		

					Fatal	
			Days		Acci-	Non-fatal
Company	County	Production	Worked	Employes	dents	Accidents
		ISTRICT 30 (Cor				
H. & A. Coal Co.	Dauphin	243	28	4	-	-
H. & F. Coal Co.	Schuylkill	1,823	115 263	4	-	-
H. L. D. Coal Co.	Dauphin	5,125 875	175	3	-	-
H. S. S. Coal Co. Hatter Bros. Coal Co.	Schuylkill Dauphin	2,316	234	2	-	
Herb Coal Co.	Dauphin	2,664	262	4	-	-
K. B. M. K. Coal Co.	Schuylkill	849	100	4	_	-
K. H. S. Coal Co.	Dauphin	_ *	28	3	_	_
K. & K. Coal Co.	Dauphin	720	72	3	_	-
K. K. K. Coal Co.						
Holmes Slope	Dauphin	1,410	165	4	-	-
Primrose Slope	Dauphin	192	135	3	-	
Total		1,602		7	-	_
Keffers Coal Co.	Schuylkill	5,200	300	4	-	-
Kintzel Bros. Coal Co.	Schuylkill	3,793	270	4	-	-
Kulp & Straub Coal Co.	Schuylkill	266	38	4	-	-
L. & K. Coal Co.	Dauphin	320 30	54	3	-	-
L. & T. Coal Co.	Schuylkill		15 260	2 2	-	-
Lahr Coal Co. Lehman Coal Co.	Dauphin	2,496	287	2	-	-
Long Coal Co.	Schuylkill Dauphin	1,280 138	35	2	_	-
Lucas Coal Co.	Schuylkill	1,500	120	4		1
Lucas & Co., Earl	Schaylkill	1,500	120	7	_	1
Little Red Ash Slope	Dauphin	595	85	3	_	_
No. 9 Vein Slope	Dauphin	28	4	3	_	_
Total	Daupitett	623		6	-	
Lucas Coal Co., R.	Schuylkill	729	115	3	-	
M. & L. Coal Co.	Dauphin	350	90	3	-	-
M. B. G. Coal Co.	Schuylkill	1,800	180	3	-	-
Marchuk Coal Co.	Dauphin	140	125	2	-	-
Mauser Coal Co.	Dauphin	1,908	283	2	-	-
Miller-Miller Coal Co.	Schuylkill	1,800	180	3	-	-
Morgan Coal Co.						
No. 7 Vein Slope	Dauphin	320	48	4	-	-
No. 9½ Vein Slope	Dauphin	2,080	264	4		
Total		2,400		8		
Morgan Coal Co., Herman	Schuylkill	1,742	171	3	-	-
Morgan & Sitlinger Coal Co.	Schuylkill	2,000	200	3	-	-
Orbit Coal Co.	Schuylkill	4,167	232	3 2	-	-
P. & C. Coal Co. R. D. S. Coal Co.	Schuylkill	1,608 124	224	3	-	:
R. & M. Coal Co.	Dauphin Dauphin	516	51	3	-	-
Reedy Coal Co.	Dauphin	32	32	3	_	
Rowe Coal Co.	Dauphin	192	54	2	_	_
Running Bear Coal Co.	Dauphin	1,100	165	3	_	
S. & H. Coal Co.	Dauphin	210	42	2	_	Ξ
S. & K. Coal Co.	Dauphin	200	24	3	-	_
S. & S. Coal Co.	Dauphin	432	63	3	_	-
S. & W. Coal Co.	Dauphin	1,417	149	2	-	-
Salic Coal Co.						
No. 4 Vein Slope	Schuylkill	3,750	250	4	-	-
L.V. No. 6 Vein Slope	Schuylkill	104	30	2	-	
Total		3,854		6	_	
Scheib Coal Co.	Dauphin	38	36	2	-	-
Shomper Coal Co.	0.1					
L.V. No. 6 Vein Slope #1	Schuylkill	5,922	240	4	-	-
L.V. No. 6 Vein Slope #2	Schuylkill	203	20	7		
Smeltz Coal Co.	Dauphin	6,125	16	3		
Stanmar Mining Co.	Schuylkill	2,250	96	4	_	_
Starnosky Coal Co., Eugene	Dauphin	596	126	2		_
Stump Coal Co., F. B.	Sanbuttu	3,0	120	-		
L.V. No. 1 Vein Slope	Schuylkill	542	120	3	_	_
L.V. No. 5 Vein Slope	Schuylkill	180	102	3	-	-
Total	,	722		6	-	-
Trio Coal Co.	Schuylkill	1,350	150	3	-	
Underkoffler Coal Co.	Schuylkill	2,400	250	3	-	1
W. & L. Coal Co.	Schuylkill	722	85	4	_	_
W. L. S. Coal Co.	Schuylkill	729	85	3	-	-
Wolfe Coal Co.	Dauphin	456	140	2	-	_

Company	County	Production	Days Worked	Employes	Fatal Acci- dents	Non-fatal Accidents
		DISTRICT 30 (Con	ntinued)			
	District Total	93,016	126	234	-	3
NOTE: *	No production - Sinking slop	oe through surface	wash.			
	DIVISION TOTAL	1,244,523	143	2,434	3	27

REPORT OF OIL AND GAS DIVISION

REPORT OF THE ACTIVITIES OF THE OIL AND GAS DIVISION

SUMMARY OF ACTIVITIES TABLE # 1

1962	350	31	384	35	* 5111	1,80	198	69	80	992	569	71	254	87	0,
1961	277	6	586	10	*1917	1,77	763	19	671	782	268	50	243	128	١
1960	536	•	596	1	%Е†19	643	939	1	281	646	245	6	237	105	1
1959	313	1	313	١	*567	767	808	1	59	462	526	19	181	42	1
1958	320	١	320	١	7444*	7ሴሴ	1064	١	23	888	176	10	011	TTT	1
1957	334	١	334	•	*829	829	1012	•	ч	819	171	2	130	195	1
1956	208	١	208	•	*5199	642	850	١	١	375	%	٠	20	259	•
	1. Drilling Permits Issued in Coal Areas	2. Drilling Permits Issued in Coal Areas within Purview of Act 359 #	3. Total Wells Coal Areas (Items 1 and 2)	4. Drilling Permits Issued in Non-Coal Areas in compliance with Act 359 #	5. Reported Wells in Non-Coal Areas - File Numbers Issued	6. Total Wells Non-Coal Areas (Items μ and 5)	7. Total Wells Coal and Non-Coal Areas (Items 3 and 6)	8. Total Drilling Permits Issued within Act 359 (Items 2 and ψ) #	9. Drilling Canceled - Permits and Non-Coal Area Wells	10. Wells Reported Drilled	ll. Plugging Numbers Issued	12. Plugging Numbers Canceled	13. Wells Reported Flugged and Abandoned	ll, Pillar Permits Issued	15. Pillar Permits Canceled

Act 359 of 1961 - 011 and Gas Conservation Law, Approved July 25, 1961. Effective Date September 25, 1961

* Permits not required for wells in non-coal areas, except those wells coming within purview of Act 359 of 1961.

TABLE # 2 SUMMARY OF ACTIVITIES BY COUNTIES JANUARY - DEGEMBER, 1962

PURVIEW	Total	1	1	1	2	ı	1	2	77	п	ı	9	7	2	3	. ~	2	1	1	2	1	1	1	2	٦	ч	7	₩	3	Т	1	1	ı	₩	ı	+ 69	
DRILLING PERMITS ISSUED WITHIN DR ACT 359 of 1961	Non-Coal Areas	1	1	1	2	ı	1	ı	6	7	ı	1	П	2	1	2	ч	ı	ı	٦	1	ı	1	П	п	п	П	7	п	п	ı	1	1	,	ı	35	
DRILLING PER	Coal Areas	ı	ı	1	1	ı	1	2	2	1	ı	9	1	1	~	. 1	7	1	٦	4	1	1	ı	٦	1	ı	,	٦	C2	1	1	1	1	60	ı	34	
Pillar Permits	Canceled	2	8	1	1	1	ı	ı	ı	1	ı	ı	1	ı	1	1	1	1	4	1	1	1	1	ı	ı	ı	1	1	1	1	1	,	٦	1	ı	6	
Pillar Permits	Issued	30	77	ı	1	1	1	1	1	ı	ı	1	1	1	1	1	1	1	27	ı	2	ı	1	1	ı	ı	ı	1	1	ı	1	1	17	6	ı	87	
Wells Reported Plugged &	Abandoned	24	18	ч	1	П	15	3	9	1	38	6	1	П	3	9	10	ч	37	10	15	1	2	1	2	1	1	2	~	т	N	2	21	16	ı	254	
Plugging	Canceled	7	2	1	ı	1	1	ı	ı	ı	ı	1	1	ı	1	ı	4	1	٦	1	1	1	ı	1	ı	ı	ı	1	1	ı	1	ı	~	8	ı	2	
Plugging		25	19	7	1	٦	11	7	4	1	34	7	1	٦	3	9	ដ	٦	77	77	16	ı	~	1	8	1	1	2	~	3	~	8	27	19	ı	269	
Wells	Drilled	6	19	٦	2	٦	16	П	17	٦	25	15	~	29	12	22	7	7	6	99	30	7	~	272	2	1	ı	17	7	4	4	89	2	94	П	766	Areas.
Drilling	Canceled	1	1	1	1	1	1	1	ı	1	1	1	1	1	1	ı	ı	1	1	Ч	ч	1	1	8	1	1	ı	1	ı	1	1	1	1	60	1	to	In non-coal
	Total	12	73	П	2	ı	77	C2	77	٦	31	15	4	34	6	22	7	16	9	126	19	Н	1	234	٦	٦	٦	17	00	8	4	85	7	45	ч	864	drilled
Reported Wells Non-Coal	Areas	ı	1	П	ı	ı	6	1	ı	1	13	ı	~	32	9	20	~	16	1	٦	7	П	ı	232	ı	ı	1	6	П	П	4	85	1	1	-1	* 544	for wells
Drilling	Issued	ដ	72	1	2	1	5	5	77	٦	18	15	2	~	3	. ~	77	1	9	125	54	1	1	2	٦	П	П	100	7	П	1	1	I	45	ı	419	not required
	County	Allegheny	Armstrong	Beaver	Redford	Bradford	Butler	Cambria	Cameron	Carbon	Clarion	Clearfield	Clinton	Crawford	Elk	Erie	Fayette	Forest	Greene	Indiana	Jefferson	Lawrence	Lycoming	McKean	Mercer	Monroe	Northumberland	Potter	Somerset	Tioga	Venango	Warren	Washington	Westmoreland	York	TOTAL	(*) Permits are not required for wells drilled in non-coal areas

(*) Permits are not required for wells drilled in non-coal areas.
 (+) Included in total of 419 drilling permits issued.

Total

pı

pus

Table #3 suppares by coupling permits issued

T.																										
Mestmorelan																										
Washington		'		١	٠	•	'	1	•	•	•	•	~	1	•	١	•	١	1	•	•	•	٦	1	•	-
Tioga		•	•	•		•	'	1	•	•	,	٦	•		•	•	*	١	•	•	'	•	•	1	•	1
		'	1	•		1	•	1	•	1	1	•	•	•	1	1	1	•	•	•	'	•	•	1	1	•
Somerset		'	1	•	1	•	•	1	•	1	•	1	1.		•	1	1	•	•	1	1	•	N	1	1	1
Potter		•	1	•		1	•		•	1	1	1	•	1	•	•	•	•	1	2	1	1	-	1	1	1
Morthumberl		•	1	1		1	•	8	١	1	1	1	١	1	•	•	•	1	•	8	1	•	1	1	١	1
Monroe		1	8	1	1	1	•		•	١	1	1	1	1	1	1	1	•	•	1	1	٦	1	1	١	1
Mercer		•	1	1	1	1	•	1	1	1	•	'	•	1	•	•	•	•	1	1	1	•	1	1	•	•
McKean		1	1	1	8	١	•	1	•	1	1	1	•	1	1	1		•		1	1	1	•	1	•	1
lefferson		1	1	1	8	1	1	1	1	1	1	1	1	1	•	1	1	١	1	١	•	1	1	1	1	1
snatbnī		٦	1	1	1	١	N		٦	Ŋ	•	1	1	Н	١	1	١	٦		•	1	1	٦	8	1	1
Greene		١	1		8	١	1	1	١		1	١		1	١	1		١	8	•	1	1	1	-	١	1
Fayette		١	1	1	1	١	1	1	1	١	1	1	1	1	١	8	١	١	8	١	•	1	1	1	•	1
Erie		١	٦	1	8	•	1	8	1	8	8	1	•	8	•	•	1	1	1		1	1	1	1	1	1
भाव		•	1	1		١	1	8	•	1	١	1	•	1	1	8	•	١		١	1	1	1		1	1
Grawford		•	1	1	•	•	•	1	1	١	1	1	•	1	1	1		١	١	1	1	1	1	1	•	1
Clinton		•	1	1		1		8	1	8	1	1	1	1		1	8	•	8	•	•	•	1	1	1	ı
Clearfield		•	1	1	1	•	1	1	1		ı	1	1	1	1	8	٣		1	•	1	•	1		1	ı
Clarton		٠	1	1	ı	•		1	1	ı	1	1	1	1	ı	ч	•	ı	ı	1	1	1	1	1	8	•
Garbon		٠	1		1	1	1	1	1		1	1	1	1	•		1	١		•	1	1	1	8	ı	ı
Семетоп		•	1	ı	1	•	1	1	1		ı	1	1	ı	ı	1	1	ı	8	-	1	1	~	8	1	ı
stridms)		•	1	ı	1	1		ı	1	8	•	1	1	1	ı		ı	ı		1	1	1	1	8	8	ı
Butler		1	ı	•	٠	1		1	1	1	•	1	1	1	ı	1	•	ı		1	1	•	•	8	1	ı
Bedford		•	ı	ı	•	٠	1	١	1	ı	•	1	•	1	•	1	٠	1	1	•	1	•	•	8	ı	ı
gnortamia		٠	1	Н	Н	0	~	-	Н	-	ч	1	1		-	1	1		8	1	Н	•	1	8	1	ı
Allegheny		•	ı	ı	ı	•		ı	1		1	1		1		1	ı	ı	-	1	1	•	1		ı	ı
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Сощрану		Ann Oil & Gas Company, Inc.	Apache Corporation	Armelar Gas Company	Baker, Arthur C.	Barrett, R. E.	tley, B. G., Inc.	Bartley, B.G. & Griffith C. M.	Bittinger Drilling Company	Boyd and Shriver	Brown, Finley A.	Brunage, M. C. & Sons	gly, G. A. Jr.	Chestmut Ridge Oil and Gas Company	Coleman, Roy A.	Culbertson, O. H.	mer, F. C. Estate	Delta Drilling Company	Equitable Gas Company	Strman Drilling Company	alkinburg, R. P.	Farmers Gas and Oil Company, Inc	Felmont Oil Corporation	Galey, John T.	Goal Drilling Company	Brabiak, Dr. Charles S.
	1	Anz	Ape	Arm	Bak	Bar	Bar	Bar	Bit	Boy	Bre	Bru	Bur	Che	3	Car	Dec	Del	Bon	Fed	Fa	Far	Fel	Gal	Goe	Gra

TABLE #3
SUPPART BY COUNTIES AND COMPANIES OF DELLLING PERMITS ISSUED

Total	dugueuuuuu yuu eu eu eu ee ee ee ee ee ee ee ee ee e
7177 0 70770 007	
Westmoreland	11111141411116111111168
Washington	111111111111111111111111111111111111111
Tioga	
Somerset	111111111111111111111111
Northumberland Potter	
Monroe	111111111111111111111111111111111111111
Mercer	
Можевл	111111111111111111111111111111111111111
noraellet	111111111111111111111111111111111111111
ansibni	011111111111111111111111111111111111111
Greene	141401111101111111111111111111111111111
Fayette	111111111111
Erie	
आख अ	
Grawford	
Clinton	
Clearfield	
Clarton	
Carbon	
Саметоп	
SirdmeD	
Вистег	
Bedford	
gnottemia	
YJJegheny	119111111111111111111111111111111111111
Сопралу	Hanley and Bird Hanley and Bird Hanley and Hird Hamptrey-Stone-Mecoll Corporation Jack, S. W., Derlling Company Jack, S. W., Derlling Company Jack Derlling Corporation Kerr Meleo Oil Indistries, Inc. Kins, Oisma Kinst, Walley Oss Company Kinst, Walley Oss Company Manufacturers Light & Heat Company, The Hard, Manufacturers Light & Heat Company Handres, De. Thomas Harys, Jeans A. Harders, E. Thomas Harys, Jeans A. Harder, Lee Company Handres, Lee Company Handres, Lee Company Handres, Lee Company Howne Oil and Gas Company Herman Chi and Gas Company Herman Chi and Gas Company Penn Mayne Gas Company Penn Wayne Gas Company Penn Wayne Gas Company Penn Wayne Gas Company Penn Mayne Gas Company Phillippe, T. W. Gas & Oil Company

SUMMARY BY COUNTIES AND COMPANIES OF DRILLING PERMITS ISSUED

JANUARY - DECEMBER, 1962

Total Washington Tioga Somerset Potter Northumberland Mercer Mckean Jefferson Greene Fayette Erte भाउ Crawford Cotuton Clearfield Clarton Carbon Butler Bedford yJJeEµeu1 Shelocta Oil and Gas Company Snee & Eberly & The Peoples Natural Gas Co. Southern Triangle Oil Company Standard Gas & Development Corporation Pure 011 Company, The Quaker State 011 Refining Corporation Richards, E. M. and McGregor, W. G. Rosenberger, J. A. Royal Oil & Gas Company Stahlman Coal Company, W. P. Inc. Shaner, W. G. & Heeter, George J. Shaner, W. M. Phillips Petroleum Company Pittsburgh Plate Glass Company Richards Drilling Company Sylvania Corporation, The Ryan Oil Company Seanor Gas & Oil Company Rabbitt, Charles E. Redbank Gas Corporation Company Seanor, William H. Seanor, Marcus E. lexaco, Inc.

TABLE #3 SUMMARY BY COUNTIES AND COMPANIES OF DRILLING PREMITS ISSUED

Total	ם מממממממ	614
Westmoreland	1 1111111	145
Mashington	1 81111111	7 7
Tioga	1 1111111	
Somerset	1 1111111	2
Totter	1 1111111	- ∞
Northumberland	1 1111111	-
Mont oe	1 1111111	-
Mercer		-
McKean	1 11111111	~
lefferson	1 1111111	-7√
snaibnI	1 11841411	125
Greene	1 1111111	6 1
Fayette	1 1111111	-
Erie	1 1111111	~
সত্তে	1 1111111	~
Crawford	4 14111111	~
Clinton	1 1111111	~
Clearfield	4 1111111	H
Clarion	1 1111111	18
Carbon	1 1111111	-
Сатетоп	1 1111111	ਜੋ
Cambria	1 1111111	~
Butler	1 111111	w
Pedford	1 1111111	70
Armstrong	1 11114140	72
yjjekpeul	1 1111111	12
Сопралу	Transmerican Fetroleum Corporation & Unebruge ul) Company Union Drilling Company Vactory Development Company Altienz, A. L. Winger, Howard Nood, Elaine & Others Wood, Elaine & Others Woods, Elaine & Others Worldship, R. S.	TOTAL

otal

Table $\# l_{L}$ suppart by counties and companies of reported wells non-coal areas

JANUARY - DECEMBER, 1962

Tot	444444444444444444444444444444444444444
York	11111111111111111111111111
Marren	141144110111111111111161411114
Venango	111111111111111111111111111111111111111
Tioga	
Somerset	
Tet toT	
McKean	ווהמוובוהוווובסוסווחוווווה
Lawrence	
Jefferson	THE PROPERTY OF THE PROPERTY O
snsibnī	
Forest	11111111111111111111111111111111111111
Payette	
Erie	1101111111011111111111111
भाउ	
Crawford	111111011111101111111111
CJīpton	
Clarton	THE THE PART OF TH
Butler	11101111111111111111111111
Beaver	11111111111111111111111111111111111111
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Company	te st.
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	onipal onipal
	H CODE CODE CODE CODE CODE CODE CODE CODE
	Allen Oil Company Anderson, Harry Anderson, Harry Anderson, Harry Bache Corporation Eaited Oil Company Benedum, Paul G. Benedum, Paul G. Benedum Trees Oil Company Benedum Trees Oil Company Benedum, N. E. & R. A. Britton, Hiller, Detriment & I Britton, Gompany Campbell, Harvid M. Gampbell, Harvid M. Oomaway, Cistles & Son Ourtis Oil Company Ourtis Oil Company Devite, Glem Devi
	Allen Old Company Anderson, Harry Apache Corporation Eastly, David Bestly, David Benedum, Paul G. Benedum, Pres Old Company Benson, Charles Bereaum, N. E. & R. A. Bereaum, N. E. & R. A. Bereaum, N. E. & R. & Company Bernan, R. E. & Company Burbar Old Company Burbar Old Company Campbell, Harold M. Campbell, Harold M. Campbell, Harold M. Campbell, Sand Company Campbell, Sand M. Derits, Olden Campbell, Manner & Sons Derits, Olden Gengary Res, Alfred E.

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Table #1 supplies and companies of feported wells non-coal areas

Total	๛สตายดานพื้อนดนของนานจอกนาด
York	
Warren	1111111004111111111111111111
Venango	
Tioga	
Somerset	
Potter	TITALI TITLI TITLI TITLI TITLI TITLI
Мскевл	w=111111111111111111111111111111111111
Lawrence	
lefferson	
sneibnī	
Forest	
Fayette	THE HEALTH HELL THE TOTAL THE TERMS
Eråe	1141011111110111111111111
श्राष	111110111110111111111111
Crawford	ווואווווואומאווואווואווו
Clinton	
Clarion	111111111111111111111111111111111111111
Butler	1101111111111111111111111111111111
Beaver	
gnortemrA	111111111111111111111111111111111111111
Company	Elder, S. H. & Company Enrich, Barry & Quaker State Enrich, R. O. Matural Goscomany Fathers Deviled Goscomany Fathers Devilers Ford & Gasdill Francher, D. W. & Company Ford & Gasdill Francher, D. W. & Company Gest, Jours Gloss, Vern M. Goll Drilling Company Gloss, Vern M. Goll Drilling Company Grantler Company Harger, Geral M. Goll Drilling Company Harger, Geral M. Harger, Geral M. Harger, Geral Gongany Jane Drilling Comporation Jane Drilling Company Jane Shore Fige Line Company Lake Shore Fige Line Company Labe Dreviolement Company Labe Dreviolement Company Labenderr, Eugene

TABLE #L
SUMMARY BY COUNTIES AND COMPANIES OF REPORTED WELLS NON-COAL AFEAS

York	
Marren	WE-111111111111111111111111111111111111
Venango	
Somerset	
Potter	
McKean	
Lawrence	11011110414011104111011111
lefferson	
snatbnl	
Forest	
Fayette	
Erie	111141111111111111111111111111111111111
ятя	
Crawford	1110111111111111111111111
Clinton	11111111111111111111111111111111
Clarton	11111110111110111111111111
Butler	
Beaver	
gnortamnA	
Сопрылу	Lindquist, Charles W. Linn, Earl H. Hodhales, E., etal Hodhales, J., steriling Homoreal, Massell stal Horbory, H. P. Horay, James A. Ho

LABLE #4

SUMMARY BY COUNTIES AND COMPANIES OF REPORTED WELLS NON-COAL AREAS

TABLE # 5
SUMMARY BY COUNTIES

TYPE OF WELLS REPORTED DRILLED

JANUARY - DECEMBER, 1962

County	Total Wells Drilled	Gas	Gas & Oil	011	Storage	Intake	Dry	Waste Disposal
Allegheny	9	5	_	1	1	1	1	_
Armstrong	61	58	-	-	-	-	3	-
Beaver	1	_	_	_	_	-	1	-
Bedford	2	2	-	-	-	-	-	-
Bradford Butler	1 16	7	1	7	Ξ	-	1	
Cambria	1	_	_	_	_	_	1	_
Cameron	17	12	-	-	-	-	5	-
Carbon	1 25	-	-	-	-	-	1	-
Clarion Clearfield	25 15	20 7		_	_		5 8	
Clinton	2	í	_	_	1	_	-	
Crawford	29	21	1	5	-	-	2	-
Elk	12	4	2	3	_	-	3	_
Erie	22	17	-	-	-	-	5	-
Fayette	7	4	_	_	-	-	3	-
Forest	11	3	,-	2	-	-	6	-
Greene	9	2	-	1		-	6	-
Indiana	66	62	-	-	-	-	4	-
Jefferson	30	27	-	-	-	-	3	-
Lawrence	1	_	_	1	_	_	_	-
Lycoming	2	-	-	-	-	-	2	-
McKean	272	2	1	185	-	82	2	-
Mercer	2	-	-	-	1	-	1	-
Potter	17	11	-	-	1	-	5	-
Somerset	7	5	-	-	-	-	2	-
Tioga	4	1	-	-	-	-	3	-
Venango	4	-	-	4	-	-	-	-
Warren	68	3	_	53	-	10	2	_
Washington	. 5	4	-	-	-	-	1	-
Westmoreland	46	34	1	-	-	-	11	-
York	1	-	-	-	-	-	1	-

TABLE # 6 SUMMART BY COUNTIES AND COMPANIES OF PLUGGIND NUMBERS ISSUED

Total	
Westmoreland	idali ilitiitiitiidiidiidiiii
Mashington	וון וווווווווווווווווווווווווווווווווו
Warren	TITLE ALTERIATION OF THE
Venango	
Tioga	
Somerset	
Potter	TITLE TITLETTERATION
Mercer	
Мскеап	
Lycoming	11111 111111111111
nosrellet	TITLE TITLETTICE TO THE TAIL
anaibnī	THAT I THE THE THE THE TERMS OF
Greene	11111 111101011011111111111
Forest	
Fayette	TITLE TOTAL TOTAL
Erie	will 11111111111111111111111
शाव	TITLE TITLETTICTION
Crawford	TITLE TITLETTICHER TOTAL
Cleaffield	TITLE TITLETTICAL
Clarion	tatia ilittiilittiilittiilitti
Cameron	TITLE TITLETTINGATION
Cambria	
Butler	
Bradford	
Beaver	
Armstrong	14411 1114111111111111114411
yffegyenl	11111 141111111111111111111111
Company	Apache Corporation Apollo Gas Company Barthias, 0. 0. 4 Vegt, Charles Barthias, 0. 0. 4 Vegt, Charles Bethiase Broughs, New & South Solnol Districts Ray & Johnson Company, The Blair, Joseph U. Blair, Joseph U. Blair, Joseph U. Brunge, M. C. & Sons Brunge, M. C. & Sons Frunt, Harry W. Carnegte M. C. & Sons Frunt, Harry W. Commondenessing Joint School District Equitable Sas Company Commondenessing Joint School District Fairman Drilling Company Felions of Company Felions of Company Felions of Company Felions of Company Felions and Bruthers Fairman Drilling Company Felions and Bruthers Fairman Drilling Company Jack, Dr. Charles S. Hanlay and Bruth Jack, S. W. Drilling Company Jack, S. W. Drilling Company Jack, S. W. Drilling Comporation Jack, S. W. Drilling Comporation Jack, S. W. Drilling Comporation Kaylor, A. B.

TABLE # 6
SUPPARY BY COUNTIES AND COMPANIES OF PLUGGIND NUMBERS ISSUED

Total	
Westmoreland	111111111111111111111111111111111111111
Mashington	
Marren	
Venango	1111111110111111111111111
Tioga	THE CONTRACTOR OF THE CONTRACT
Somerset	TITLE CONTROL
Potter	
Mercer	
мскеал	181111111111111111111111111111111111111
Lycoming	111111111111111111111111111111111111111
defferson	111101111111111011111111
Indiana	1111141141111141111411
Greene	111112311111111111111111111111111111111
Forest	THE THE THE THE TANK
Fayette	114118111111114111111111
Erie	
সমে	TO CONTRACT OF THE STATE OF THE
Crawford	
Clearfield	TITIMATATITITATITITI
Clarion	11116111818181811181111
Cameron	TITITI THE TITITI THE TITITI TO
Cambria	TITLITIC TO THE STATE OF THE ST
Butler	THATTIALITE ALART TO THE
Bradford	TITLE TO THE TOTAL
Beaver	TITLE
Armstrong	4111101141111100111111414
Allegheny	111148111111111111111111111111111111111
Сопражу	Kaylor Natural Gas Company (seedal nagratural Gas Company (seedal nagratural Gas Company (seedal nagratural na
	Allegheny Armstrong Beaver Cambria Cambria Cambria Clarion Fayette Fayette Fayette Fayette Forest Fores

TABLE #6 SUMMARY BY COUNTIES AND COMPANIES OF PLUCGING NUMBERS ISSUED

1	1	1
Total	- при	569
Westmoreland	111111111111	139
Mashington	1114111414411	27]
Warren	141111111111	2
ogueueA	111111111111	2
Tioga		m
Somerset	tiettiiiiiii	m
Potter	1111111111101	70
Mercer		2
Мскеап	111111111111	-
Lycoming		2
lefferson	11111111101111	92
smetbmI		12
Greene	111116111111	142
feerol		н
Fayette	d11111111111	12
eira	TITLI HELLINI	9
भाष		m
Crawford		-
Clearfield		큐
Clarion		34
Cameron		77
Cambria		н
Butler		я
bradford		-
Beaver		7
gnortemia	1111111101111	13
VIJeguena.		25
Сопрану	Shearer, James I., Sandth, Richard F., Sandth, Richard F., Sandth, Richard F., Southern Triangle Oll Company Sylvania Corporation, The Teazon, Inc. Union Drilling, Inc. United Natural Gas Company Walker, Weir Walker, Weir Whorton, Onserter D. et al. Widenhofer, C. N.	

Total

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TABLE # 7 SUPPLIES AND COMPANIES OF WELLS REPORTED PLUGGED AND ABANDONED

JANUARY - DECEMBER, 1962

Company

Mest	1	-	Н	1	١	١	1	١	1	١	•	١	١	1	1	1	1	١	-	1	•	1	٦	١	١	1
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Marr	1	ı	1	1	1	١	1	٦	1	1	•	1	١	١	ı	1	1	ı	1	•	١	ı	ı	1	1	ı
Mens	١	1	ı	1	1	ı	1	1	1	1	1	١	1	•	1	•	1	•	ı	ļ	٠	ı	1	ı	1	ı
Tiog	1	ı	ı	1	ı	ı	1	•	ı	•	1	•	Н	ı	ı		1	ı	ı		ı	ı	1	ı	ı	ı
amos	ı	ı	ı	ı	•	ı	1	•	1	•	1	ı	ı	ı	•	•	ı	•	•	ı	•	•	•	•	ı	ı
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Fore	1		ı	ı	ı	ı	1		ı	1	ı	ı	1	ı	,	ı	1	ı	ı	ı	ı	•	ı	ı	ı	ı
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Came	1	ı	1	ı	ı	ı	1	•	ı	1	1		ı	ı	ı	ı	ı	ч	Н	ı	ı	•	1	ı	ı	•
Camb	1	ı	ı	ı	ı	ı	1	1	ı	1	,	1	ı		ı	ı	1	ı	ı	ı	•	١,	-	•	ı	ı
Butl	1	ı	ı	1	٣	ı	1	1	ı	Н	ı	ı		ı	Н	ı	ı	ı	ı	ı	•	ı		ı	1	ı
Brad	1	ı	ı	ı	r	ı	1	1	1	1	ı	1	ı	1	•	٠	ı	١	ı	ı	•		1	•	ı	ı
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	ation	nedu	In In	3. &	nest	eta	ough h	on C	u u.	l Cv.	B.	2	٠,	ral (B J		Com	lng	orro		hers	0.	Char		9-Fic	0
	por	Col	3. G	0.0	Em	urie	lehem Borou New & South	hns	sepl	rin	Tohn	f. C	T.	latun	sst	Lenn	Gas	17	S S	t	Brot	н.	or.	Bird	ton	٨.
	Cox	Gas	y, E	ne.	اء ي	BM .	hem w &	るる	, Jc	Edt	Y, 4	6,	Haz	te l	uene	6	ple	E E	t 01	, B	an I	, pur	k, 1	8 7	ey-	ger,
	Apache Corporation	Apollo Gas Company	Bartley, B. G. Inc.	Bashline, 0, 0, & Vogt, Charles	Bauman, J. Ernest	Beedle, Marie etal	Bethlehem Boroughs, School Districts, New & South	Biery & Johnson Company, The	Bigler, Joseph U.	Blair, Edwin F Weaver Oil & Gas Corp.	Blakley, John B.	Brumage, M. C. & Sons	Brunt, Harry W.	Carnegie Natural Gas Company	Connoquenessing Joint School District	Devitt, Glenn	uita	Fairman Drilling Company	elmont Oil Corporation	Fields, Bert	Flanigan Brothers	Freeland, H. D.	Grabiak, Dr. Charles S.	tanley & Bird	Numphrey-Stone-McColl Corporation	Esiminger, A. G. & Beam, Charles
	Ap	Ap	Ba.	Ba	Ba	B	8	Bi	Bi	BI	BI	Br	占	g	8	B	S	Fa	F.	芒	E	Fr	Gr	Ha	品	Is

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Table # 7 Supplies and companies of wells beported plugged and abandored

	Total	~~~~%%,~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
	Westmoreland	111111111111111111111111111111111111111
	Washington	1111101110111111111111111111111
	Warren	
	Vanango	
1	Tioga	
	Somerset	
	Potter	
1	Mercer	
	Lycoming	THE PROPERTY OF THE PROPERTY O
	Jefferson	ALLITOTITITITITITITINITI
	anaibni	411141111101111011111
	Greene	
	Forest	
	Fayette	141417/11111/11/11/11/11/11
	Erte	
	भाव	
	DIOIWEID	
	Clearfield	111111111111111111111111111111111111111
	Clarton	111121111211211211111
	Саметоп	11,111111111111111111111111111111111111
	Cambria	11111111111111111111111011111
	Butler	111116114111111114141111
	Bradford	111111111111111111111111111111111111111
	Beaver	111114111111111111111111
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	АТЛебрепу	111146111111111111111111111111111111111
	Company	Jack, S. W. Drilling Company James Prilling Corporation Reystor Returns das Company Reystone Gas Company Reystone Gas Company Reystone Gas Company Manufacturers Light & Heat Company, The Manufacturers Light & Heat Company, The Hiller, Lidyd E. Hantler, Lidyd E. Hantler, Lidyd E. Hantler, Lidyd E. Hantler, J. H. & Philay, Paul New Tork State Natural Gas Corporation North Penn Gas Corporation North Penn Gas Corporation North Penn Gas Corporation North Penn Gas Company Nuas, Furman L. etal North Penn Gas Company Pursons Brothers Peoples Natural Gas Company, The Parsons Brothers Pooples Natural Gas Company Phillips Petrolaum Company Phre Oil Company Phre Oil Company, The Redbank Gas Corporation

Table # # 7 Pails # 7 Pails and conties and conties of weils perfered pain abandoned

JANUARY - DECEMBER, 1962

Total	4444444 4644444444444444444444444444444
Westmoreland	
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Lycoming	
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Crawford	
Clearfield	TITLE STILLING
Clarion	
Cameron	
Cambria	
Butler	1114011 1114111111
Bradford	
Beaver	
gnostemsA	THE THE THE TABLE
Allegheny	THEFT THEFT
Company	Renner, John L. Rosanberger, Lester Rosanberger, Lester Rosanberger, Lester Rosanburger, Edit of Longany Saxonburg Heat & Light Company Saxonburg Heat & Light Company Sarth, Bally F. Snee & Eberly & The Peoples Natural Sylvania Compoution, The Toxaco, Inc. Toxaco, Inc. Toxaco, Inc. Union Drilling Company Union Drilling Company Walter, Welr Maverly Oil Work Company Whater, Welr Wharton, C. G. Jr. Whorton, C. G. Jr.

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TABLE # 8

SUMMARY BY COUNTIES AND COMPANIES OF PILLAR PERMITS ISSUED

JANUARY - DECEMBER, 1962

Company	Allegheny	Armstrong	Greene	Jefferson	Washington	Westmoreland	Total
Allegheny River Mining Company Alta Fuels, Inc. Bethlehem Mines Corporation C. & T. Coal Company Campbell Coal Company Cherry Run Fuel Company Cherry Run Fuel Company Harman Coal Company Harman Coal Company Harman Coal Company Harman Coal & Coke Company Jamison Coal Company Harmar Coal Company Marce Coal Company Marce Coal Company Hathies Coal Company Partners Coal Company Partners Coal Company Pathers Coal Company Republic Steel Corporation Rochester & Pittsburgh Coal Company United Industries, Inc. United States Steel Corporation	2 - 1	5	77 33 -2	1	3 3 3 3 3 3	2	52 4 1 1 1 1 1 6 7 2 6 6 3 2 2 2 3 2 4 22 3 1 8
TOTAL	30	374	21	2	17	3	87

DIRECTORY

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF MINES AND MINERAL INDUSTRIES ANTHRACITE DIVISION

EXECUTIVE OFFICE

	EXECUTIVE OF					
H. B. Charmbury	400 North Third Street		Area Code 717			238-5151
Secretary of Mines and Mineral Industries	222 East Irvin Avenue	State College	814	Ex Adams	t.	3020 7 - 4726
Gordon E. Smith Deputy Secretary	Schuylkill Trust Bldg. 102 Parkway	Pottsville Schuylkill Haven	717 717	Market		2-1110 385-0023
Daniel H. Connelly Deputy Secretary	Anthracite Institute Blg. 237 Old River Road		717			822-9150 822-9401
	25 East Bennett Street	Kingston	717			287-0497
Mrs. M. B. Gutshall Administrative Officer	400 North Third Street	Harrisburg	717	Ex	t.	238-5151 3021
Nomina of a death of the angle	2958 Lincoln Street	Camp Hill	717			737-9895
Leon Ehrlich Deputy Attorney General	400 North Third Street	Harrisburg	717	F	t.	238–5151 3620
	MINING ENGINE	ERS		EX	τ.	3620
Ralph A. Lambert	400 North Third Street	Harrisburg	717			238-5151
Chief Mining Engineer	3330 Highland Street	Allentown	215	215		2395 395 – 4585
Rodger J. Howell	229 Morton Street	Old Forge	717	Glenwood		7-6447
William Taby	204 North Rock Street	Shamokin	717			648-2436
Harry A. Voigt	49 South Atherton Ave.	Kingston	717			287-4906
Norman Becker	95 West Vaughn Street	Kingston	717			287-4755
	ELECTRICAL INSI	PECTOR				
Michael Polinko	1211 Chestnut Street	Kulpmont	717			373-9449
	ELECTRICAL ENG	INEER				
Karl A. Meyer	84 River Street	Forty Fort	717			287-3753
	MINE RESCUE & FIRST A	ID INSTRUCTOR				
Stephen A. Sirotnak	409 Erie Street	Throop	717	Hunter		9-3354
	FIELD INVESTIG	ATORS				
George J. Segaritis	226 North Second Street	Girardville	717	Brown		6-1065
John J. Lavix	44 Union Street	Plains	717			823-4407

Dist-		ANTHRACITE MINE I	NSPECTORS	Area		
rict	W. A. Sanders	R. D. 2	Dalton	717		563-1945
2	T. L. Wackley	1801 No. Washington Ave.	Scranton	717	Diamond	3-6277
3	W. G. Ward	119 First St. (Peckville)	Olyphant	717	Hunter	9-1903
11	T. M. Beaney	366 Monument Avenue	Wyoming	717		693-0222
13	W. R. Devens	38 Butler Street	Forty Fort	717		287-4576
14	K. C. Lee	88 Old River Road	Wilkes-Barre	717		823-1977
15	Ralph Ditzler	593 North Vine St.	Hazleton	717		455-3733
16	F. C. O'Connor	R. D. 2, Box 370	Pottsville	717		544-2573
17	G. F. Kettle	246 West Spruce St.	Shamokin	717		648-2335
18	P. P. Hino	108 East Mahanoy Ave.	Mahanoy City	717		773-3694
19	J. J. Shober, Jr.	64 East Railroad St.	Nesquehoning	717		669-6048
20	G. P. Gallagher	103 East Arch St.	Shamokin	717		648-3887
21	A. J. Latz	9 West Phillips St.	Coaldale	717		645-5727
22	J. R. Ruane	928 No. Washington St.	Shamokin	717		648-0262
23	J. P. Brophy	422 West Third St.	Mount Carmel	717		339-3171
24	H. E. Shomper	138 East Lincoln St.	Shamokin	717		648-3124
25	Walter Davis	American Legion Blvd.	Pine Grove	717		345-8311
26	J. B. Reinoehl	132 East Mahanoy Ave.	Mahanoy City	717		773-0313
27	R. O. Schneider	216 North 9th St.	Ashland	717		875-1861
28	A. A. Joyce	317 South Maple St.	Mount Carmel	717		339-0514
29	H. R. Reese	R.D. 1, Box 41, H-1	Elysburg	717		672-2853
30	W. D. Maurer	25 Vaux Avenue	Tremont	717		695-3672
		OIL AND GAS DI	/ISION			
	W. Roy Cunningham	Room 1205 State Office	Pittsburgh 22	412	Express	1-2100
	Deputy Secretary	Bldg., 300 Liberty Ave. 919 Harlan Avenue	Johnstown		Ext.	734 34 – 2812
		OIL AND GAS INS	PECTORS			
1	Chas. C. Songer	44 Jackson Ave., Apt. 6	Bradford	814		362-3645
2	Howard W. Martin	321 North Eighth St.	Indiana	412		463-0590
3	Chas. E. Baldwin	907 Williams St., McJ. Acres	Washington	412	Baldwin	2-3295
4	Wm. J. Burns, Jr.	335 North Barnett St.	Brookville	814	Vinewood	9-2445
5 5 5	Wm. J. Burns, Jr., A Chas. C. Songer, Act Richard F. Walther,	ing				
6	Richard F. Walther	630 Southview Drive	Pittsburgh 26	412	Locust	3-3656
7	Chas. F. Straub	304 South East St.	Coudersport	814		274-9575

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF MINES AND MINERAL INDUSTRIES

ANTHRACITE DIVISION Breakers, Washeries and Preparation Plants

1962

District	Preparation Plant	Company	Location
21	A. & S. Breaker	A. & S. Coal Co.	Schuylkill Haven
2	Ace Breaker	Ace Coal Co., Inc.	Blakely Borough
24	Ace Breaker a	Ace Coal Sales	Weigh Scale
26	Altamont Breaker	Altamont Coal Co.	Frackville
26	Atkins Breaker	Atkins Coal Co.	Frackville
20	Atlas Breaker	Atlas Coal Co.	Atlas
21	B. & N. Breaker	B. & N. Coal Co.	Schuylkill Haven
24	Bar Mac Breaker	Bar Mac Coal Co., Inc.	Weigh Scale
27	Barry Washery	Levan Coal Co.	Ashland, R. D. 1
15	Beaver Brook Breaker	Beaver Brook Coal Co., Inc.	Beaver Brook
11	Bel Air Breaker	Bel Air Coal Co.	Duryea Borough
24	Bellaire Washery	Bellaire Coal Sales, Inc.	Bear Valley No. 2
24	Bellaire Breaker	Bellaire Coal Sales, Inc.	South Shamokin
3	Bellevue Washery	Monroe Co., Inc.	Scranton
16	Bixler Breaker	Bixler, Clayton M.	Valley View
21	Black Heath Breaker	Black Heath Coal & Const.Co.	
26	Blaschak Breaker	Blaschak Coal Co.	St. Nicholas
11	Bliss Breaker	Bliss Coal Co.	Colley Township
18	Bliss Washery	Bliss & Son, Inc., R. T.	Mauch Chunk Township
1	Bolands Breaker	DeAngelis Supreme Anth., Inc.	
11	Booth Breaker	E. & B. Coal Sales	Cherry Township
21	Branch Breaker	Branch Coal Corp.	Llewellyn
19	Brockton Breaker	Brockton Black Beauty CoalCo	
11	Bylite Breaker	Bylite Corp.	Plains Township
29	Cains Breaker	Cains Coal Co.	Shamokin
26	Candlemas Breaker	Coleby Coal Co.	Haddock
24	Carbon Run Breaker	Rosini Coal Co.	Shamokin
1	Carbondale Cleaning Plant	Carbondale Contracting Co.	Carbondale
20	D. & D. Breaker	D. & D. Coal Co.	Mount Carmel
24	D. & Z. Breaker	D. & Z. Coal Co.	Weigh Scale
19	Darkwater Breaker	S. & H. Partnership	Darkwater
20	Diamond Breaker	Diamond Coal Co., Inc.	Atlas
11	Dicksville Breaker	Dicksville Coal Co.	Swoyersville
24	Diminick Breaker	Diminick Coal Sales	Paxinos
21	DiRenzo Breaker	DiRenzo Coal Co.	Minersville
25	Donaldson Colliery	Anthracite Fine Coals, Inc.	Donaldson
11	Dorrance Breaker	Lehigh Valley Anth., Inc.	Wilkes-Barre
25 30	Echo Valley Breaker b	Echo Valley Co.	Pottsville Elizabethville
30	Elizabethville Washery	Elizabethville Coal Co.	Ono
26	Emerich Washery	Emerich, William G.	Frackville
20	Englewood Breaker	Englewood Coal Co.	Forestville
25	Forestville Washery	Manbeck Dredging Co.	
18	Franklin Hydrotated Breaker	Franklin Miller	Ravine
27	G. & S. Washery Gilberton Breaker	G. & S. Coal Co., Inc. Gilberton Coal Co.	Nesquehoning Gilberton
24	Glen Burn Breaker	Gap-Anthracite Co.	Shamokin
14	Glen Lyon Breaker	Grant Anthracite Co.	Glen Lyon
21	Glenn Worth Breaker	Glenn Worth Coal Co.	Cressona
24	Glosek Breaker	Glosek Bros. Coal Sales	Weigh Scale
15	Gowen Breaker	Gowen Coal Co.	Fern Glen
18	Greenwood Breaker	Greenwood Mining Co.	Rahn Township
15	Greybosh Breaker	Greybosh Coal Co.	Hazleton, R. D. 1
17	H. J. & H. Breaker	H. J. & H. Coal Co.	Zerbe Township
11	Harry E.Breaker	Lehigh Valley Anth, Inc.	Swoyersville
15	Hazleton Shaft Breaker	Lehigh Valley Anth., Inc.	Hazleton
15	Highland No. 5 Fine Coal Plant	Jeddo-Highland Coal Co.	Highland
18	Hillside Breaker	Hillside Coal Co.	South Tamaqua
25	Hillside Breaker	Hegins Mining Co.	Zerbe
26	Hill Vue Breaker	Hill Vue Coal Co.	Ashland, R. D. 1
15	Honeybrook Breaker	Honeybrook Mines, Inc.	Audenried
24	Hoover Breaker	Hoover Mining Co.	Paxinos
13	Huber Breaker	Glen Alden Corp.	Ashley Borough
10	110000 DY CAVAT	ozon nzuen ouspr	Dozoug.

District	Preparation Plant	Company	Location
25	Indian Head Colliery	Indian Head Coal Co.	Tremont
15	Jeddo No. 7 Breaker	Jeddo-Highland Coal Co.	Harleigh
3	K. A. M. Washery	K. A. M. Coal Co. K. & D. Coal Co.	Wiconisco
24 19	K. & D. Breaker K. M. & F. Breaker	K. M. & F. Coal Service	Weigh Scale Middleport
21	K. & P. Breaker	K. & P. Coal Co.	Minersville
19	Kaska Breaker	Dale Contracting Corp.	Middleport
îí	Kassa Breaker	Kassa Coal Co.	Dupont Borough
30	Kelly Ramp	Kelly Coal Co.	Spring Glen
25	Koch's, Joseph	Koch, Joseph	Ravine
16	Kocher Breaker	Kocher Coal Co., Leon E.	Valley View
21	Kowalchick Breaker	Kowalchick, Michael	Primrose
30	Kreiser Washery	Kreiser, Harvey R.	Annville
30	L. & R. Washery	L. & R. Coal Co.	Wiconisco
26	Lehigh-Park Breaker	Peca Coal Co., Inc.	Mahanoy City
16 25	Legal Breaker Lincoln Anthracite Breaker c	Legal Coal Co. Lincoln Anthracite Co.	Good Spring Lincoln
15	Lion Breaker	Cunningham Coal Co.	Hazleton
21	Live Oak Breaker	Live Oak Coal Co.	Primrose
23	Locust Summit Breaker		
11	Loomis Breaker	Reading Anthracite Co. Lehigh Valley Anth., Inc.	Nanticoke City
11	Loree Breaker	Hudson Realty Co.	Larksville Borough
24	Lower Region Breaker d	Lower Region Colliery	Trevorton Road
21	Lowland Washery	Lowland Coal Co.	Landingville
27	Malho Breaker	Malho Coal Co.	Lavelle
22	Mammoth Breaker	Lehigh Valley Anth., Inc.	Lost Creek
21	Maple Spring Breaker	Maple Spring Coal Co.	Branchdale
21 2	Marlin Breaker	Cass Contracting Co.	Marlin
18	Marvine Breaker Marv-D Washerv	Hudson Realty Co. Integrity Coal Co.	Scranton Tuscarora
26	Mazaika Breaker	Mazaika Bros. Coal Co.	Tamaqua, R. D. 2
30	Meadowbrook Breaker	Meadowbrook Coal Co.	Lykens
22	Midvalley Fine Coal Plant	Jeddo-Highland Coal Co.	Wilburton
15	Mineralis Breaker	Mineralis Recovery Corp.	Hazleton
21	Minersville Breaker	Minersville Coal Co.	Minersville
27	Millersville Breaker	Pine Ridge Mining Co.	Ashland
2	Morgan Breaker	Old Forge Coal Co., Inc.	Old Forge
26	Mount Hazle Breaker	Locust Valley Coal Co.	New Boston
18	Mountainside Breaker	Mountainside Coal Co.	South Tamaqua
24 1	North Line Breaker	Steam Coals, Inc.	Shamokin
3	Northwest Breaker Number One Washery	Cicio Coal Co. Wyoming Co.	Simpson Dunmore
25	Oakwood Breaker	Oakwood Coal Co.	Pine Grove
21	Old Mill Breaker	Old Mill Coal Yard	Llewellyn
21	Olenick Breaker	Olenick Bros. Coal Co.	Forestville
27	P-45 Cleaner Plant	Reading Anthracite Co.	Buck Run
30	P. & W. V. Ramp	P. & W. V. Coal Co.	Lykens
25	Parkway Breaker e	Parkway Anthracite, Inc.	Pine Grove
11	Pastusic Breaker	Pastusic Bros.	Cherry Township
25	Penag Colliery	Penag Coal Co.	Good Spring
1 30	Penbrook Breaker	Penbrook Coal Co.	Archbald
19	Pine Creek Breaker Pine Forrest Washery	Pine Creek Coal Co. Reading Anthracite Co.	Spring Glen St. Clair
1	Pompey Breaker	Pompey Coal Co.	Jessup
25	Potts Breaker	Potts Co., Allen	Pine Grove, 3
18	R. & R. Washery	R. & R. Coal Co.	Lehighton, R. D. 2
1	Raymond Breaker f	Northwest Mining Co., Inc.	
30	Reedy Washery	Reedy Partnership Coal Co.	
27	Reichwein & Beury Breaker	Reichwein & Beury Coal Co.	Ashland, R. D. 1
24	Reidinger Breaker	Reidinger Coal Service	Paxinos
27	Rosa Breaker	Capparell Coal Co., Inc.	Shenandoah
26	Royal Breaker	Royal Anthracite Coal Co.	Tamaqua, R. D.
19 20	Salem Creek Breaker	Salem Creek Coal Corp.	Pottsville
20 25	Savitski Breaker Schnecks Breaker	Savitski Bros. Coal Sales	Atlas
19	Schnecks Breaker Scutta Breaker	Schneck Co., Thomas Scutta Coal Co., Inc.	Pine Grove, 1 New Philadelphia
30	Sheridan Washery	Phoenix Contracting Co.	Tower City
30	Shomper Breaker	Shomper Coal Co.	Tower City
19	Silver Creek Breaker	Silver Creek Coal Co., Inc.	
26	Skytop Breaker	Skytop Coal Co., Inc.	New Boston
18	South Tamaqua Coal Pockets	South Tamaqua Coal Co.	South Tamaqua

District	Preparation Plant	Company	Location
24	Split Vein Breaker	Split Vein Coal Co.	Weigh Scale
18	Spring Creek Breaker	Spring Creek Coal Co.	South Tamagua
26	St. Nicholas Central Breaker	Reading Anthracite Co.	St. Nicholas
30	Stonehill Breaker	Stonehill Coal Co.	Loyalton
30	Strohecker Breaker	Strohecker Coal Co.	Elizabethville, R.D.
28	Sunshine Breaker	Sunshine Coal Co.	Dunkleberger
16	Superior Breaker	Superior Coal Co.	Valley View
25	Swatara Breaker	Swatara Coal Co.	Zerbe
24	Swift Breaker	Swift Coal Sales	Paxinos
3 15	Taylor Breaker	Moffat Coal Co., Inc.	Taylor Borough
15	Tedesco Breaker	Tedesco Bros. Coal Co.	Pardeesville
29	Thomas Breaker	Thomas Coal, Inc.	Ranshaw
17	Trevorton Breaker g	Reading Anthracite Co.	Trevorton
30	Underkoffler Breaker	Underkoffler Coal Co.	Lykens
15	Upper Lehigh Breaker	Sandy Run Miners & Prod., Inc.	Upper Lehigh
26	Valley Breaker	Valley Coal Co.	Tamagua, R.D. 2
11	W. W. Coal Sales Washery	W. W. Coal Sales	Wyoming
1	Waddell Breaker	Waddell Coal Mining Co.	Winton
19	Wadesville Washery	Reading Anthracite Co.	Wadesville
21	Walton Breaker	Walton, John	Schuylkill
26	Wessner Breaker	Wessner Coal Co.	Tamaqua, R.D. 2
21	Woratyla Breaker	Woratyla, Anthony	Llewellyn

NOTE: (a) Ace Breaker ceased operations during March 1962.
(b) Formerly operated as Tremont Breaker of Tremont Coal Co.

(c) Lincoln Anthracite Breaker idle at present time, future uncertain.

(d) Lower Region Breaker burned to ground on February 21, 1962.

(e) Parkway Breaker formerly operated as O'Briens Breaker, now preparing coal.

(f) Raymond Breaker formerly operated by Booth Products, Inc., changed to Northwest Mining Co., Inc. on June 15, 1962.

(g) Trevorton Breaker was idle during 1962. Three watchmen employed.

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF MINES AND MINERAL INDUSTRIES

ANTHRACITE OPERATORS - YEAR 1962

District	Operator	General Manager	Address
21	A. & B. Coal Co. @	Thomas Brennan	Minersville
2	A. C. & A. Coal Co. DM	Frank Ambrose	Old Forge
18	A. & D. Coal Co. @	John J. Daukshus	Tamaqua
28	A. F. & M. Coal Co. 0	Elmer Faust	Shamokin
30	A. & H. Coal Co. 0	Fred Artz	Valley View
16	A. & J. Coal Co. DM	Andrew Drebitko	Pottsville, R.D. 1
21	A. & J. Coal Co. 0	James Harvey	Minersville
24	A. & J. Coal Co. 0	Albert Bogetti	Shamokin
23-24	A. & K. Coal Co. •	Penrose Kerstetter	Shamokin
30	A. & P. Coal Co. 0	Joseph Reho	Williamstown
3	A. & R. Coal Co. DM	Ralph Ricino	Jessup
21	A. & S. Coal Co. BP	Charles Shoener	Schuylkill Haven
20	A. & T. Coal Co. @	Felice Andreatti	Atlas
20	A. T. & D. Coal Co. 0	Cyril Doyle	Mount Carmel
29	A. & W. Coal Co. •	Joseph Astick	Shamokin
30	A. & Z. Coal Co. •	Lester Adams	Williamstown
25	A. Z. U. Coal Co. @	Frank Zimmerman	Ravine
22	Abrasonis, John @	John Abrasonis	Shenandoah
22	Abrasonis Coal Mining Co., J.J.	John Abrasonis	Shenandoah
2 24	Ace Coal Co., Inc. B DM	Louis Simoncelli Edward Bogner	Jessup
30	Ace Coal Sales BP Acme Coal Co. DM	Joseph Reho	Kulpmont Williamstown
20	Adams Coal Co. @	Adam Pisanko	Kulpmont
28	Adams Coal Co. 0	Foster Adams	Helfenstein
15	Admiral Coal Co., The bk	John McCarthy	Pittston
17-28	Alarcon Coal Co. 9 DM	Frank Alarcon	Keiser
26	Alessi Coal Co. DM	Natale Alessi	Mahanoy City
21	Allen Mining Co. DM	John Stranko	Pottsville
23	Al Mar Coal Co. DM	Albert Deitz	Mount Carmel
26	Altamont Coal Co. BP	George Kostishok	Frackville
22	Altamose Coal Co. 0	Sam Altamose	Centralia
20	Amarose Bros. Coal Co. 0	Louis Amarose	Atlas
22	American Coal Co. @	Ira Hill	Centralia
19	Andrews Partnership 0	William Andrews	Frackville
16-30	Anspach & Umbenhauer @	Fred Anspach	Pine Grove
25	Anthracite Fine Coals, Inc. BP @	Robert Doebler	Donaldson
30	Artz Coal Co., Fred @	Fred Artz	Valley View
27	Ascioti Coal Co. 0	Samuel Ascioti	Girardville
17	Ash Coal Co. 0	Chester Bixler	Shamokin
26	Atkins Coal Co. BP	Henry Atkins	Frackville
20	Atlas Coal Co. BP	Anthony Bianchi, Jr.	Atlas
15	Audenried Mines, Inc. DM	Daniel Bloss	Hazleton
25	Augustine Co., M. 0	Alex Augustine	Mount Carmel
20	B. & B. Coal Co. 0	Amil Bielarski	Ashland
23	B. & B. Coal Co. •	Norbert Anascavage	Shamokin
28	B. & B. Coal Co. •	Frank Barella	Mount Carmel
29 20	B. & B. Coal Co. @	Gilbert Bridy	Shamokin
30	B. B. & K. Coal Co. • B. B. K. Coal Co. •	John Balent	Keiser Tremont
16	B. & C. Coal Co. DM	Leonard Krise, Sr.	Hegins, R. D. 1
26	B. & C. Coal Co. O	Willard Clark Joseph Benedict	Mahanoy City
28	B. & C. Coal Co. 0	Edward Campbell	Shamokin
23	B. & D. Coal Co. 0	John Baronoski	Excelsion
27	B. & D. Coal Co. O	Leroy Bainbridge	Pottsville, R.D. 2
29	B. & D. Coal Co. O	Arthur Boscolovich	Ranshaw
20	B. D. & M. Coal Co. •	Henry Barlow	Atlas
26	B. D. & S. Coal Co. O	Felix DeCasimirro	Morea Colliery
17	B. & E. Coal Co. O	David A. Ernest	Shamokin
20	B. & E. Coal Co. O	William Biscoe	Girardville
21	B. & E. Coal Co. 0	Stanley Baritsky	Pottsville, R.D. 1
24	B. & E. Coal Co. 0	Dal Elliott	Shamokin
30	B. & E. Coal Co. 0	Boyd Strohecker	Williamstown
21	B. E. & K. Coal Co. 0	Peter Beratsky	Pottsville, R. D. 1
21	B. & F. Coal Co. @	Irvin Fetterolf	Llewellyn

District	Operator B. & H. Coal Co. B. & H. Coal Co. B. & H. Coal Co. B. H. D. Coal Co. B. H. & L. Partnership B. H. & L. Coal Co. B. H. & C. Coal Co. B. A. & Coal Co. B	General Manager	Address
26	B. & H. Coal Co. 0	Edward Brezinsky	Kelayres
26	B. & H. Coal Co. 0	Michael Habowski	Natalie
30	B. & H. Coal Co. @	Boyd Strohecker	Williamstown
16	B. H. D. Coal Co. 0	Roger Derr	Tower City
21	R. H. & I. Partnership @	George Honyara	Minarcuilla
30	2 H M Cool Co A	Duesal Woute	Minersville Reinerton
16	3. & K. Coal Co. •	Robert Wolfgang	Terret
2.0	2. 6 V. COST CO. 6	Tobes & Holigany	11 emont
22	B. & K. Coal Co. •	John Kudrick	Ashland
25	B. & K. Coal Co. •	William Brennan	Ashland Donaldson Mount Carmel Keiser Llewellyn Frackville
	B. & K. Coal Co. 0	Joseph Bodnar	Mount Carmel
29	B. R. P. COSI CO. 9	John Patrilak	Keiser
21	B. K. & S. Coal Co	Francis Stutzman	Llewellyn
19	B. K. & T. Coal Co. 0	Frank Troxell	Frackville
27	B. & L. Coal Co. @	Nicholas Borzok Wichael Grego	Frackville
29	B. & L. Coal Co. 0	Nicholas Borzok Michael Grego Wayne Moyer John Bombar John Malacusky Ralph Boyer Lewis Groover John Bolish Kenneth Brassington Peter Selock	Frackville Frackville Keiser Valley View
	B. & M. Coal Co. DM	Wayne Mover	Valley View
19	B. & M. Coal Co. 0	Tohn Bombar	Minereville
19	B. & M. Coal Co. @	Toho Malaguaku	Dingtown D D 1
30	B. & M. Coal Co. •	Dolah Bassay	Kingtown, K.D. I
21	D. G. M. CORI CO. W	Raiph Boyer	Datter View
	B. & N. Coal Co. BP	Lewis Groover	Pottsville, R.D. 3
26	B. & N. Coal Co. •	John Bolish Kenneth Brassington Peter Selock	Mahanoy City
28	B. & N. Coal Co. 0	Kenneth Brassington	Shamokin
23	B. N. & S. Coal Co. @	Peter Selock	
	B. & O. Coal Co. DM	Peter Selock Charles Ressler Edward W. Yoder William Showers	Hegins, R. D. 2
23	B. O. & Y. Coal Co. 0	Edward W. Yoder	Hegins, R. D. 2 Shamokin Williamstown
30	B. & P. Coal Co. 0	William Showers	Williamstown
24	B-P-E Coal Co. 0	Dal Elliott	Shamokin
30	B. R. T. Coal Co. 0	Tosenh Bahm	Pine Grove, R.D. 1
23	B. R. T. Coal Co. O B. & S. Coal Co. DM	Victor Blascovich	Shamokin
29	3. T. Z. Partnership 9	Datar Bandas	Panehaw
22	3. T. Z. Partnership © 3. & W. Coal Co. © 8. & W. Coal Co. © 8. & W. Coal Co. © 9. & Z. Coal Co. © 8. Z. & D. Coal Co. © 8anks Coal Co. , Early Coal Co. © 8ar Mac Coal Co. , Inc. BP 8artol & Co. © 8artol & Co. © 8artol & Coal Co. , Gene bk 8artor Coal Co. © 8ator Coal Co. , Inc. S BP	Joseph Bahm Victor Blascovich Peter Bendas Joseph Wank	Detterville D D 1
21	D. C. W. Coal Co. W	Joseph Wank	Pottsville, R.D. I
24	B. & M. COal Co. W	Joseph Bendas	Kelser
29	B. & Z. Coal Co. 9	Peter Bendas	Ranshaw
27	B. Z. & D. Coal Co. •	Joseph Zitkas	Buck Run
17	Banks Coal Co. 0	Edward Parenzan	Shamokin
24	Bar Mac Coal Co., Inc. BP	Charles Greco	Paxinos, R. D. 1
23	Bartol & Co.0	Alfred Bartol	Mount Carmel
13	Bartoli Construction Co., Gene bk	Gene Bartoli	Plains
21	Baruka Coal Co. © Bator Coal Co. © Bator Coal Co. © Beaver Brook Coal Co., Inc. S BP Beaver Slope © Beaker Coal Co. DM Bednarczyk Coal Co. DM Bednarczyk Coal Co. DM Bednarczyk Coal Co. BP	Stephen Baruka	Pottsville, R.D. 2
20	Bator Coal Co. 0	Leo Bator	Keiser
15	Beaver Brook Coal Co Inc. S BP	George Huss	Ringtown
22-27	Beaver Slone 8	Dohant Bassan	Chanadash
24-21	Besker Cool Co OM	Tohn Dasker	Mahanoy City
20	Bedrer Coal Co. Da	Join becket	Chambel City
25	Bednardzyk Coal Co. DM	Joseph W. Bednarczyk	Snamokin
2	Beggin Coal Co. @	Michael Beggin	Jessup
11	Bel Air Coal Co. BP	Bert Andrews	Duryea
28	Bell Coal Co. 9 Bell & Co., Thomas 9 Bellaire Coal Sales, Inc. W BP	Michael Stasick	Duryea Trevorton
30	Belli & Co., Thomas @ Bellire Coal Sales, Inc. w BP Belli Mountain Coal Co. @ Bernitsky Coal Co. DM Bernitsky & Stenulis Partnership @ Beury Coal Co., Joseph @ Big Mine Run Coal Co. @	Thomas Bell	Williamstown
24	Bellaire Coal Sales, Inc. W BP	Joseph Bednarczyk	Shamokin
2	Bell Mountain Coal Co. 0	William Endrezze	Mocanagua
19	Bernitsky Coal Co. DM	Albert Bernitsky	New Philadelphia
19	Bernitsky & Stenulis Partnershin @	John Rernitsky	Port Carbon
22	Bauty Coal Co Tosanh @	Tosach Baury	Ashland
22	Dig Wise Dun Cool Co	Toba Wandwick	Achland
19	Big mine Run Coal Co. 9	John Hendrick	Name Shill and all and a
19	Big Pine Coal Co., Inc. DM	Vincent Basgii	New bulladelbuls
26	Biskupics & Co. 0	John Biskupics	Iamaqua, R. D. 2
16	Bixler, Clayton M. BP	Clayton Bixler	Valley View
16	Bixler Coal Co., Herman DM	Herman Bixler	Valley View
20	Black Coal Co. @	George Yodis	Mount Carmel
21	Black Heath Coal & Const. Co., Inc. BP	Allen C. Koch	Orwigsburg
18	Blashock Coal Co. 0	John J. Blashock, Jr.	Park Crest
26	Blaschak Coal Co. BP	Anthony Blaschak	Mahanoy City
19	Bell Coal Co. Bell & Co., Thomas Bell & Co., Thomas Bellatre Coal Sales, Inc. Bell Bell Kountain Coal Co. Bernitsky Coal Co. DM Bernitsky & Stenulis Partnership Beury Coal Co., Joseph Big Pine Coal Co., Inc. DM Biskupics & Co. Big Pine Coal Co., Inc. DM Biskupics & Co. Bixler, Clayton M. BP Bixler Coal Co., Herman DM Black Coal Co. Black Heath Coal & Const. Co., Inc.BP Blaschack Coal Co. BP Blissnock Bros. Partnership Bliss Coal Co. BD Bliss & Son, Inc. B bk Block Coal Co. BD Bliss & Son, Inc. Bbk Block Coal Co. BD Bliss & Son, Inc. Bbk Block Coal Co. BD Bliss & Son, Inc. Bbk Block Coal Co. BD	John Blishock	New Philadelphia
11	Blies Coal Co. B S DM	Carl Bliss	Mildred
18	Bliss Cod Co. Do DM	R. T. Bliss, Sr.	Nesmiehoning
21	Bliss & Son, Inc. W bk	David Black	Nesquehoning
	Bloch Coal Co. 9	Paul Bloch	
21	Blue Bell Enterprises S	John W. Butcavage	Minersville
29	Blue Coal Co. 0	George Venarchick	Shamokin
30	Blyler Coal Co., Glen	Glen Blyler	Williamstown
20	Bogetti Coal Co. 9	Peter Bogetti	Shamokin
18	Bogish & Garbish Coal Co. 9	R. T. Bliss, Sr. Paul Bloch John W. Butcavage George Venarchick Glen Blyler Peter Bogetti John Bogish	Kaska

District	Operator Bolich Cosl Co. Bologs & Co. Bonemitz Cosl Co. Bonemitz Cosl Co. Bosack Cosl Co. Boster Cosl Co. Bother Cosl Co. Bother Cosl Co. Branch Cosl Corp. Browner S Coleman Cosl Co. Branck Black Besuty Cosl Co. Brock Cosl Co. Bubel Cosl Co. Co. Co. Bubel Cosl	General Manager	Address
27	Bolich Coal Co. 0	Marlin Bolich	Ashland, R.D. 1
26	Bologa & Co. 0	John Bologa	New Boston
25	Bonawitz Coal Co. 0	Dan Bonawitz	Pine Grove
26	Boner & Webb Coal Co. DW	Ray Webb	Mahanoy City
21	Bosack Coal Co. DW	Frank Bosack, Sr.	Pottsville, R.D. 2
21	Bosack Coal Co. 0	Frank Bosack, Jr.	Pottsville, R.D. 2
24	Boslego Coal Cc. DW	Leon Boslego	Kulpmont
2	Botcheller Co., Inc., L.J. S	L. J. Botcheller	Scranton
18	Bottom Bench Coal Co.	Melvin Morgan	Brockton
27	Bowman & Coleman Coal Co. DW	nenry nowman	Sacramento
25	Branch Cost Corp. Br Dk	Percram Stock	Mennet Campai
29-20	Pridu Incorporated S	Edward & Bride	Atlas
26	Brinsko & Co. @	John Reinskn	Morea Collieny
19	Broad Wountain Coal Co. 0	Joseph Swile	New Philadelphia
19	Brockton Black Beauty Coal Co. BP	Ralph Tenaglia	Frackville
18	Brode Coal Co. 0	Robert Brode	Tamagua, R.D. 3
18	Brode & Frye Coal Co. 0	Charles Frye	Quarare
26	Brokenshire & Co. 0	George Brokenshire	Barnesville, R.D.
30	Brosius & Troup Coal Co. S	Jay Troup	Williamstown
20	Brown Coal Co. 0	Harold Brown	Natalie
17	Bruno & Piefer Coal Co. 0	John E. Bruno	Treverton
18	Bubel Coal Co. DM	M. J. Bubel	Brockton
19	Buchinsky Partnership •	Wichael Buchinsky	Port Carbon
20	Buck Coal Co. 0	John Macilla	Hanshaw
20	Buck Coal Co. 9	Stanley Walejko	Kulpmont
22	Buck Houstain Coal Co. 6	Ted Desidence	Chanandash
24	Burneide Wining Co. 6	Wilher Earley	Spannois in
16	Rush Coal Co. DW	Earl Rosh	Tower City, P.D. 1
17	Bush Coal Co. 0	John B. Kidron	Treverton
18	Bushy Tract Coal Co. 0	John J. Murphy, Jr.	Middleport
19	Butensky Coal Co. 0	Charles Butensky	Branchdale
26	Byer Coal 0	Joseph Byer	Mahanoy City
11	Bylite Corp. B bk	Donald Warkle, Jr.	Wilkes-Barre
22	C. & B. Coal Co. 0	Joseph Calabretta	Girardville
1-11	C. B. M. Coal Co. S bk	Gene Bartoli	Plains
2	C. & D. Coal Co. DM	Edward Chursciel	Jessup
21	C. & D. Coal Co. DM	Joseph Dorazio	Pottsville
22-29	C. & F. Contracting Co., Inc. bk S	Leonard Chapleski	Shamokin
20	C. & G. Coal Co. DM	Robert J. Cavan	Kingston
20	C. & G. Coal Co. 9	Inomes Cillion	Shenamoran Cinambullia
10	C. G. S. Dartnarchin &	Charles Chiminity	Composition
30	C. H. R. Coal Co. A	Stiney Radichak	Williametown
16	C. K. S. Goal Co. DW	Henry Conrad	Valley View
23	C. & K. Coal Co.	Thomas Koveleski	Ranshaw
20-23-29	C. & J. Coal Co. S bk	Charles Greco	Atlas
17	C. & M. Coal Co. DM	Paul J. Costa	Sunbury
23-29	C. & M. Coal Co. 0	Frank Cyrio	Shamokin
28	C. & M. Coal Co. 0	Richard Cooper	Shamokin, R.D. 1
19	C. & N. Coal Co. 0	Anthony Chukusky	Frackville
19	C. N. & P. Partnership •	Anthony Chukusky	Frackville
30	C. R. S. & W. Coal Co. 9	H. Mark Clark	Valley View
20	C. I. COMI CO. DK	Monta Commen	Wynnewood
27	C & V Coal Co. 6	William Vodes	Minersville
20	Caine Coal Co. BD	Edward Cain	Champlin
19	Canfield Construction Co. S	Thomas Canfiald	Does Carbon
17	Capitol Coal Co. 0	John J. Bogetti	Shamokin
11	Capone Coal Co. DM S	Patrick Capone	Wilkes-Barre
27	Capparell Coal Co., Inc. BP	S. Thomas Capparell	Shenandoah
27	Capparell Strip. & Const. Co. S b	k S. Thomas Capparell	Shenandoah
19	Cappel Coal Co. 0	James Cappel	St. Clair
1	Carbondale Coal Co. BP S	Ivor L. Williams	Ashley
1	Carco, Inc. S	James Durkin	Dallas
21	Carl Bros. Coal Co. 0	George Carl	Tower City
24	Carl Coal Co. 0	Leon Carl, Sr.	Shamokin
21	Castalli & Connedmalli Con Cr	Nicholas Dibiotor	Pottsville, R.D. 2
30	Castelli & Coccocrelli Coal Co. DM	Toba Casana	Archesic
18	Charbon Fuel Sales Co. Inc. S	Tacca C. Hill	Omeinshumn
22	Charnick Coal Co., Leo 0	Leo Charnick	Frackville

District	Operator	General Manager	Address
21	Cherkis Partnership •	Wassel Cherkis	Minersville
28	Cherry Coal Co. 0	John Nolan	Shamokin
29	Cherry Hill Coal Co. •	Walter Koshinski	Shamokin
23-29	Chervanik Associates S	Charles Chervanik	Kulpmont
17 1	Chestnut Coal Co. ● Cicio Coal Co. B	Stephen Shingara Michael Cicio	Sunbury, R.D. 3
30		Anthony Ciesnolevicz	Jermyn Wiconisco
16	Clark Coal Co. DM	Clark Maurer, Jr.	Hegins
19		Donald Brown	Minersville
23	Clayberger Coal Co. 0	John Zarkowski	Ranshaw
27	Cliff Coal Co. 0	Thomas Clifford	Shenandoah
22	Coates Coal Co., Inc. DM bk	Frank Pizano	Centralia
26	Coleby Coal Co., Inc. bk W	Garfield Schnee	Hazleton, R.D.
19	Colitz Coal, Joseph •	Joseph Colitz	Seltzer
27	Colket Coal Co. 0	John Messaros	Branchdale
28	Collier Coal Co., Clair	Clair Collier	Shamokin, R.D. 2
28 19	Collier Coal Co., Hilbert •	Hilbert Collier	Shamokin, R.D. 2
19	Connors & Tokash Partnership ● Cooper & Co. ●	William Connors Adam Cooper	Portsville, R.D. 2 Port Carbon
19	Cooper Coal Co., Adam •	Adam Cooper	Port Carbon
19	Cooper Partnership 9	Bernard Cooper	Port Carbon
19	Cooper Partnership Coal Co. 9	Joseph Cooper	Port Carbon
29	Corbin Coal Co. 0	David Taylor	Shamokin
23	Cosen & Co., M. DM	Michael Cosen	Mount Carmel
24	Costa Partners @	Martin Costa	Shamokin
27	Crossroads Coal Co. @	Harry David	Mahanoy Plane
29	Crossroads Coal Co. 0	Stanley Rozinski	Shamokin
29	Crown Coal Co. •	Charles Renninger	Tremont
15	Cunningham Coal Co. B bk	Henry Ventre	West Pittston
24	Czech Bros. •	Stanley Czech	Shamokin
19 20	D. & D. Coal Co. D. & D. Coal Co. BP	Joseph Dalvet Cyril Doyle	Middleport Mount Carmel
29	D. & D. Coal Co. O	Charles Derck	Shamokin
29	D. D. & Z. Coal Co. @	Joseph Dombroski	Shamokin
20	D. & G. Coal Co. 0	Stanley Gusick	Shamokin
19	D. & G. Partnership @	Stanley Gravish	Cumbola
17	D. H. & W. Coal Co. DM	Kenneth M. Whitmer	Shamokin
19	D. & J. Coal Co. •	Donald Brown	Minersville
28		Daniel Fedako	Ashland
20		Peter Dillman	Ringtown
28	D. & K. Coal Co. 0	John Duchon	Shamokin
16 20	D. K. L. M. Coal Co. 9	Gurney Klinger	Hegins
21	D. K. & M. Coal Co. ♥ D. & M. Coal Co. DM	Gurney Klinger Joseph Millard	Hegins Minersville
20		Edward Narcavage	Mount Carmel
21	D. & P. Coal Co. •	William Dean	Frackville
24	D. & Z. Coal Co. BP	Stanley Diminick	Shamokin
23		Michael Dadura	Mount Carmel
19		Ralph Steindel	Scranton
28		Fred Dallabrida	Keiser
27	Dando Coal Co. DM	Joseph Dando	Pottsville
21	Dando & Troup Coal Co. S	David J. Dando	Minersville
24	Dean Coal Co. •	Donald Krebs	Shamokin
1 22	DeAngelis Supreme Anth., Inc. B DM bk	Leonard Oszko	Carbondale Shamokin
30	Debbie Lance Coal Co., Inc. DM Deitrich, Willis BP	Willis Deitrich	Williamstown
27	Deitrich & Ebert Coal Co. DM	Lewis Deitrich	Hegins
3	DeLeo Trucking Co. bk	John DeLeo	Dunmore
27		Nicholas Dembinsky	Minersville
27		Wash Dembinsky	Ashland, R.D. 1
27	Devers Coal Co. •	William Devers	Minersville
20		Saverio Greco	Mount Carmel
3		Joseph Giovannini	Scranton
11		Joseph Kenzakoski	Luzerne
24 21		Ferdinand Diminick	Paxinos
19		Dominic DiRenzo Michael Dobilas	Pottsville, R.D. 2 New Philadelphia
1		Dominick Polletti	Jessup
25		Tony Donofrio	Pine Grove, 1
29		Patrick O'Toole	Ranshaw
24	Dreibelbies Mining Co. •	John Dreibelbies	Shamokin
19	Dudash Partnership •	Michael Dudash	Port Carbon
24	Dugan Coal Co. 0	Joseph Leschinski	Shamokin

District	Operator	General Manager	Address
24	Duke Associates DM		Shamokin
22	Dyszel Coal •	Peter Dyszel Joseph Dyszel Stephen Dyszel George Dyszel Edwin Booth, Sr.	Frackville Girardville Girardville Girardville Connerton Mildred Mayfield
22	Dyszel Coal Co., Joseph •	Joseph Dyszel	Girardville
	Dyszel Coal Co., Stephen •	Stephen Dyszel	Girardville
22	Dyszel & Luscavage •	George Dyszel	Connerton
11	E. & B. Coal Sales B S	Edwin Booth, Sr. John Segura Edward Melusky Pedro Ibanez Earl Gorenty Paul J. Costa Mark Jacobs Floyd Doty John Krolick George Darstein Eston R. Klinger Charles Else William G. Emerich Michael Stefero William Ennis	Mildred
1	E. & H. Coal Co. S E. & H. Coal Co. DM	John Segura	Mayfield
16	E. & H. Coal Co. DM	Edward Melusky	Minersville
28	E. & I. Coal Co. O DM	Pedro Ibanez	Mount Carmel
	E. & M. Coal Co. O DM	Earl Gorenty Paul J. Costa Mark Jacobs Floyd Doty John Krolick George Darstein	Middleport
17	Echo Coal Co. •	Paul J. Costa	Sunbury, R.D. 2
25	Echo Valley Co. BP	Mark Jacobs	Pottsville
17-29	Edgewood Contracting Co. S	Floyd Doty	Shamokin
24	Edward & John Mine •	John Krolick	Kulpmont
24	Eldy Coal Co. 0	George Darstein	Shamokin, R.D. 2
30		Eston R. Klinger	Elizabethville
23	Else Coal Co. 0	Charles Else	Kulpmont
		William G. Emerich	Ono
26	Englewood Coal Co. BP Ennis Coal Co. DM Erdman Coal Co. DM	Michael Stefero	Frackville
20	Ennis Coal Co. DM	William Ennis	Ashland
16	Erdman Coal Co. DM	Jay Erdman Dominick Esgro	Valley View
1	Esgro Coal Co. DM	Dominick Esgro	Jermyn
30	Etzweiler Coal Co. @	Norman Etzweiler	Valley View
28	F. & F. Mining Co. @	Richard Francola	Elysburg, R.D. 1
19	F. & P. Coal Co. @	William Flail	Frackville
20	F. & S. Coal Co. @	Milliam Ennis Jay Erdman Dominick Esgro Norman Etweiler Richard Francola Milliam Flail Francis Revenis Melvin Wolfe Walter Whalen Leon E. Shingaro Milliam Stein Robert Fannella N. J. Farley Noel Fasnacht, Sr. Charles Faust John R. Fegley Ernest Fegley David Fellin Wassel Fenetz Gerald Brior Louis Fetterolf James Fetterolf James Fetterolf Leon Fishburn Walter Fisher Charles Culp Vincent J. Forgotsch Joseph Sluck Michael J. Bubel	Centralia
18	F. & W. Coal Co. 0	Melvin Wolfe	New Ringgold
21	F. & W. Coal Co. 0	Walter Whalen	Pottsville, R.D. 2
17	Fairdeal Coal Co. DM	Leon E. Shingaro	Shamokin
25	Falls Coal Co. 0	William Stein	Zerbe
29	Fanella Coal Co. bk	Robert Fannella	Atlas
18	Fanella Coal Co. bk Farley & Ihnat Coal Co. DM Fasnacht Coal Co. © Faust, Charles ©	N. J. Farley	Pottsville
25	Fasnacht Coal Co. 0	Noel Fasnacht, Sr.	Tremont
25	Faust, Charles 0	Charles Faust	Muir
01	Fegley Bros. Coal Co. DM	John R. Fegley	Mahanov City
25	Fegley Coal Co., Ernest & Fellin Coal Co.	Ernest Fegley	Pine Grove
15	Fellin Coal Co. 0	David Fellin	Sheppton
21	Fenetz Coal Co. 0	Wassel Fenetz	Pottsville, R.D. 1
15	Fern Glen Mining Co. DM	Gerald Brior	Rock Glen
27	Fetterolf Coal Co. 0	Louis Fetterolf	Ashland, R.D. 1
28	Fetterolf Coal Co. • Fetterolf Coal Co. • Fishburn & Young Coal Co. • Fisher & Blanchard Coal Co. •	James Fetterolf	Shamokin, R.D. 1
25	Fishburn & Young Coal Co. @	Leon Fishburn	Lavelle
18	Fisher & Blanchard Coal Co. @	Walter Fisher	Port Carbon
24	Flame Coal Co. @	Charles Culp	Shamokin
26	Flame Coal Co. • Forgotsch Brothers •	Vincent J. Forgotsch	Mahanov City
27	Forsum Coal Co. DM	Joseph Sluck	Gilberton
18	Four Foot Coal Co. @	Joseph Sluck Michael J. Bubel	Brockton
18-19	Four Foot Coal Co. •	Charles Tomalavage	Brockton Middleport Minersville
21	Four-Par Coal Co. 0	John Bombar	Minersville
24	Four-Par Coal Co. 6 Four Partners 6	John Vrona	Shamokin
	Foura Coal Co. 0	Ben Foura	Shamokin, R.D. 2
	Francis Coal Co. 0	Francis Stanton	Cumbola
	Franklin Coal Co. BP	Franklin Miller	Tremont
	Frye Bros. Coal Co. 0	Robert Frye	Quakake
	Frye Coal Co., Thomas •	Thomas Enve	Ouskake
30	G. A. D. Coal Co. DM	Inomes Flye	Dine Grove D.D. 2
19	G. & B. Partnership @	John Corme	Mahanov City
19	G. B. & B. Partnership	George Gall	S+ Clair
19	G. & C. Partnership @	Charles Steranko	Dotteville
20	G. & D. Coal Co. DM	Dichard Green	Achland
22	G. D. & S. Coal Co. o	Anthony Consolo	Strong
21	G. F. & R. Coal Co.	William Daudenbuch	Llevellup
29	G. & G. Coal Co. O	Tamac Guishant	Davinos
20	G. G. & F. Coal Co. •	Robert Frye Thomas Frye Lamar Artz John Gormas George Gall Charles Steranko Richard Green Anthony Gonzalo William Raudenbush James Guisbert John Glowatski, Jr. John Honisko Michael Kaufman Roy Green Albert Machise Vincent Miskell A. M. Gilham Charles Steranko Malcolam Thompson	Atlac
24	G. & H. Coal Co. •	Tohn Honisko	Travorton
21	G. & K. Coal Co. 0	John Honisko Michael Kauffman	Potteville P D 2
16	G. & M. Coal Co. DM	Roy Green	Harine D D 2
27	G. & M. Coal Co. DM	Albert Machine	Ginanduilla
23	C H D C1 C- DH	Vincent Michell	Mount Campal
18	G. & S. Coal Co., Inc. W bk	Alucent Wiskell	Mount Carmel
19	G & S Damenanchin &	A. M. Gilham	Resquenoning
27	O. C D. Let fliet suit A	Malacia Thomas	Nesquehoning Pottsville Donaldson New Ringgold
30	G. & T. Coal Co. ♥ Gangloff Bros. bk	Malcolm Thompson Gene Gangloff	New Ringgold

District	Operator	General Manager	Address
24	Gap Anthracite Co. B DM	M. F. Farrell	Shamokin
16	Garbar Coal Co. 0	Joseph Garbar	Williamstown
17-28	Garcia Coal Co. DM @	Joseph J. Garcia	Kulpmont
26	Garrity, Richard bk	Francis Maloney	Lost Creek
26	Garzio & Co. 0	Andrew Repella	Mahanoy City
15	Gatti Engineering Co., Inc. DM	Gerald Gatti	Drifton
22	Gaughan Coal Co. 0	Thomas Gaughan	Ashland
25	Gavalis Co., Joseph S	Joseph Gavalis	Orwigsburg
17	Gem Coal Co. 0	Vaughn K. Ditty	Gowen City
15	Genee Mining Co. 0	Anthony Kofchak	Mahanoy City
11	Gigliello Coal Co. DM	John Gigliello	Yatesville
27	Gilberton Coal Co. BP bk S	Garfield Schnee	Gilberton
11-13-14 21	Glen Alden Corp. BP DM S bk Glenn Worth Coal Co. BP	Ivor L. Williams Joseph A. Hauptly	Ashley Pottsville
24	Glosek Bros. Coal Sales BP	Frank Glosek	Shamokin
24	Glowaski-Wondoloski-Forti @	Peter Glowaski	Danville, R.D. 5
30	Gonder Coal Co. @	Isaac Gonder	Williamstown
21	Gordon Mountain Coal Co. @	Anthony Russian	Minersville
18	Gorenty Coal Co. @	Earl Gorenty	Middleport
19	Gormas Bros. Coal Co. 0	George Gormas	Pottsville
15	Gowen Coal Co. B S	Elmer Roth	Fern Glen
27	Gowen Coal Co. DM @	Joseph Buggy	Shamokin
2	Greenwood Coal Co. S	Frank Lotzi	Scranton
18	Greenwood Mining Co. BP	J. Fauzio	Tamaqua
18	Greenwood Stripping Corp. S bk	F. Fauzio	Nesquehoning
24	Grego & Deitz @	Stanley Grego	Shamokin
15	Greybosh Coal Co. BP	John Greybosh	Hazleton, R. D. 1 Girardville
19	Grigas Coal Co. 0	Peter Grigas	Girardville
24 23	Gripp Coal Co. 0	Peter Gripp	Shamokin
23	Gryskiewicz, Fred 0	Fred Gryskiewicz	Kulpmont Archbald
19	Grzywacz Coal Co. ♥ Gublinsky & Slotcavage Partnership ♥	Joseph Grzywacz Julian Gublinsky	Frackville
17	Gudelunas Coal Co. 0	Frank J. Gudelunas	Mount Carmel
29	Guisbert Coal Co. 9	James Guisbert	Paxinos
28	Gusick Coal Co. 0	Edward Gusick	Kulpmont
30	H. & A. Coal Co. @	Fred Artz	Valley View
20	H. & B. Coal Co. 0	William Nolter	Centralia
20	H. & F. Coal Co. @	Richard Herring	Pine Grove, R.D. 2
16	H. & G. Coal Co. DM	Joseph Zurat	Pine Grove, R.D. 3
29	H. & H. Coal Co. @	Orville L. Henninger	Shamokin
30	H. H. & S. Coal Co. S	Carl L. Hoke	Pottsville
17	H. J. & H. Coal Co. BP	Harry D. Reitz	Milton
22	H. & K. Coal Co., Inc. DM	Joseph Kufra	Barnesville
23 30	H. K. & K. Coal Co. 6 H. L. D. Coal Co. 6	John Kasmer	Paxinos
26	H. & M. Coal Co. @	Monroe Header Paul Hutira	Ashland, R. D. 1 Frackville
27	H. & M. Coal Co. @	Charles Mitchell	Girardville
25	H. M. S. Coal Co. @	Palmer Mervine	Ashland, R. D. 1
20	H. & O. Coal Co. @	Leonard Hornberger	Ashland
21		Ambrose Hudock	Llewellyn
23	H. & P. Coal Co. DM H. & S. Coal Co. S	Henry Lazarski	Kulpmont
27	H. & S. Coal Co. 0	Dale Herb	Hegins, R. D. 1
29	H. & S. Coal Co. @	Theodore Horoshak	Shamokin
30	H. S. S. Coal Co. 0	Russel Houtz	Reinerton
16-28	H. & W. Coal Co. DM	William Heitzman	Shamokin
20	H. & W. Coal Co. @	Charles Hutnick	Ashland
27	Haas Coal Co. @	Lester Haas	Pitman
19	Halaburda Coal Co. 0	Bernard Halaburda	Frackville
19	Halaburda Bros. Coal Co. @	Joseph Halaburda	Frackville
25 1	Haldeman Coal Co. 9	Adam Haldeman Vincent Halsey	Pine Grove, 3 Carbondale
19	Halsey Contracting Co. S Halupa Partnership €	Frank Halupa	Frackville
18	Harbon Coal & Contracting Co. S	J. Harlam	Tamaqua
15	Harjay & Co., Joseph @	Joseph Harjay	Shenandoah
16	Harman Coal Co. DM	Clair Harman	Valley View
27	Harmon Coal Co. DM	William Stanisewski	Shamokin
28	Harry's Coal Co. 0	Harry Preston	Atlas
30	Hatter Bros. Coal Co. 0	Charles Hatter	Gratz
27	Hatter Coal Co. DM	Ernest Hatter	Hegins
21	Hauptly, J. & Hoke C. S	Joseph A. Hauptly	Pottsville
25	Hawk Coal Co. 6	Eugene Hawk	Pine Grove, 3
18	Hazleton Cinder & Supply & Coal bk Hegins Mining Co. @ DM BP	R. S. Anderson William Carl	Beaver Meadows
21-25-21	negrito militing oos & DM DI		Hegins

District	Operator	General Manager	Address
15	Helock & Andruzzi @	Peter Helock	Sheppton
23	Henninger Coal Co. 0	Orville Henninger	Shamokin
16	Herb Coal Co. DM	Mason Herb	Valley View
30	Herb Coal Co. •	Frank Herb	Berrysburg
25	Herb & Reed Coal Co. DM	Harry Reed	Tower City
30	Herring Bros. Coal Co. DM	Lester L. Herring	Pine Grove, R.D. 2 Pine Grove, R.D. 2
16	Herring Coal Co. DM	Daniel Herring	Pine Grove, R.D. 2
16		Kenneth Curran	Minersville
19		Thomas Donald	New Philadelphia
18		T. Norvidas	Tamaqua, R.D. 3
28	Hilltop Coal Co. 0	John Fedako	Ashland, R.D. 1
27	Hill Vue Coal Co. BP	Stanley Pulaski	Ashland, R.D. 1
16	Hoffman Coal Co. 0	Roy Horrman	Klingerstown
21	Hoffman, Howard S Honeybrook Mines, Inc. B DM S bk	Howard Hoffman	Pottsville
15 24	Honeybrook Mines, Inc. B DM 5 DK	George Seiler	Audenried
27	Hoover Coal Mining Co. BP Hoover & Reed Coal Co. DM	George W. Hoover Allen Reed	Sunbury
17	Hope Coal Co. @	James R. Williams	Shamokin
19	Horvath Partnership 0	William Horvath	Girardville
20	Howells, T. S. & Olaf S. Strip. Co. S	Stanley Olaf	Kulpmont
16	Hubler & Ebert Coal Co. 9	John Hubler	Valley View
1-2-11	Hudson Realty Co., Inc. BP S		Ashley
15	Huss, George bk		Ringtown
25	Huth Coal Co. 9	Peter Huth	Zerbe
21	Hutsko Coal Co. 0	John Hutsko	Pottsville, R.D. 1
25	Indian Head Coal Co. BP S bk	Peter Loretti	Pine Grove
18	Integrity Coal Co., Inc. W bk	E. W. Stiendel	Tuscarora
16	J. & C. Coal Co. DM	Joseph Walacavage	Minersville
20	J. & C. Coal Co. 0		Kulpmont
19	J. D. S. Coal Co. DM	Lester Starr	Middleport
27	J. E. B. Coal Co. @	George Boychock	Gilberton
29	J. J. J. Coal Co. @		Atlas
20	J. & K. Coal Co. 0	John Palmer	Shamokin
29	J. & K. Coal Co. •	Joseph Korzeniecki	Mount Carmel
29	J. & L. Coal Co. 0	John Lauda	Keiser
16	J. & S. Coal Co. •	Leroy Butler	Good Spring
26	Jason Coal Co. DM	John F. Dempsey	Shenandoah
15-20-22		W. C. Jones	Jeddo
24	Jeremiah Partnership 0	Benjamin Jeremiah	Shamokin
25	Jewell Ridge Coal Co. DM	Andrew Drebitko	Pottsville, 1
29	Joe Coal Co. •		Shamokin
20 26	Joe & Felix Coal Co. €		Mount Carmel
21			Mahanoy City
30			St. Clair Lykens
30	K. B. M. K. Coal Co. •		Tremont
24	K. & D. Coal Co. BP	Al Kopenhaver	Shamokin
25	K. & D. Coal Co. DM	Joseph Dando	Pottsville, 2
30	K. E. W. Coal Co. DM	Kermit Klinger	Gratz
20			Kulpmont
21			Pottsville, R.D. 1
29			Shamokin
21	K. G. & P. Coal Co. 0	Floyd Koch	Schuylkill Haven
24	K-G-W Mining Co. 0		Kulpmont
20	K. & H. Coal Co. DM		Kulpmont
19		George Kripas	Port Carbon
22	K. H. & P. Coal Co. S	William Hampton	Aristes
30	K. H. S. Coal Co. @	Harold Kessler	Lykens, R. D.
20		Paul Krise	Lavelle
20	K. & K. Coal Co. S	James Krall	Mount Carmel
26	K. & K. Coal Co. 0	John Klipola	Mahanoy City
29	K. & K. Coal Co. 0	Robert Kabonick	Shamokin
16-30	K. & K. Coal Co. DM @	Russell Kerstetter	Lykens, R. D.
30	K. K. K. Coal Co. O	Bryant Klinger	Lykens, R. D.
29	K. K. K. Coal Mining Partnership @	Robert Kabonick	Shamokin
20	K. & L. Coal Co. •	Edward Lashendock	Keiser
29	K. & L. Coal Co. @	John Lotis	Shamokin
19	K. & M. Coal Co. •	Charles Metroka	St. Clair
20	K. & M. Coal Co. O	John Matsko	Mount Carmel
21	K. & M. Coal Co. 0	Con Kulpcavage	Pottsville, R. D. 2
19 16	K. M. & F. Coal Service BP	Howard Fees	Middleport
16 27	K. & N. Coal Co. O	Bruce Klouser	Hegins
21	K.O.R. Coal Co. DM	Stanley Korenkiewicz	Trevorton

District	Operator	General Manager	Address
20	K. & P. Coal Co. 0	John Polcovich	Centralia
21	K. & P. Coal Co. BP	Charles Kiertekles	Minersville
20	K. P. & M. Coal Co. O	Charles Koschoff	Catawissa
11	K. P. T. Coal Co. S	Joseph Kenzakoski	Wilkes-Barre
27	K. R. G. Coal Co. DM	Howard Renninger	Pine Grove
27	K. & S. Coal Co. 0	Clair Kimmel	Schuylkill Haven
29	K. & S. Coal Co. 0	Enoch Karlovich	Mount Carmel
28	K. W. & J. Coal Co. ♥	Wilbur Johnson	Elysburg, R.D. 1
29	K. & Z. Coal Co. •	Joseph Zack	Shamokin
29	Kabonick Coal Co. 0	Robert Kabonick	Shamokin
29	Kaleta Coal Co. 6	James Kaleta	Shamokin
21	Kaminski Bros., Inc. S Karbar Coal Co. @	John Kaminski Albert Karol	Avoca
11-15	Kassa Coal Co. BP	Nicholas Kassa	Pottsville, R.D. 1 Dupont
23	Kastroba & Kautter @	John Kautter	Shamokin
30	Keffers Coal Co. 0	Peter Poletti	Valley View
16	Kehler Coal Co. DM	Cleaton Kehler	Hegins
30	Keim Coal Co. DM	Ralph Keim	Tower City, R.D. 1
19	Keller & Connors Partnership @	Randolph Keller	Pottsville, R.D. 2
30	Kelly Coal Co. R	Ben F. Kelly	Williamstown
17	Kent Coal Co. 0	William E. Reichenbach	Trevorton
28	Kerstetter Coal Co. •	Lamar Kerstetter	Shamokin, R.D. 2
24	Kerstetter & Weikel @	Eugene Weikel	Shamokin, R.D. 2
19	Keysock & Klinger Partnership @	Anthony Keysock	St. Clair
24	Kilo Bros. 0	Edward Klebasko	Shamokin
30	Kintzel Bros. Coal Co. 0	Nathan Kintzel	Pine Grove, R.D. 2
18	Klimas Coal Co. @	Jerome Klimas	New Philadelphia
19	Klinger Coal Co. 0	Homer Klinger	Gordon
25	Klinger Coal Co., Harry @	Harry Klinger	Ashland
27	Klinger Coal Co., E. •	Earl Klinger	Hegins, R. D. 2
26 25	Kluchinsky & Co. • Knorr Coal Co. •	Albert Kluchinsky	Mahanoy City
25	Knorr & Geist Co. 9	Leroy Knorr, Sr. Elwood Knorr	Hegins Hegins
25	Koch's Coal Co. BP	Joseph Koch	Pine Grove
16	Kocher Coal Co., Leon E. BP	Leon Kocher	Valley View
19	Kochmier Partnership @	John Kochmier	Cumbola
23	Kocur Coal Co. 9	Francis Kocur	Shamokin
25	Koon Co., Marcus @	Marcus Koons	Pine Grove, 3
21	Kopentz Coal Co. •	Paul Kopentz	Pottsville, R.D. 1
25	Koperna Coal Co. 0	John Koperna	Schuylkill Haven, l
25	Koperna & Co., Frank @	Frank Koperna	Schuylkill Haven
29	Kopitsky Bros. Partnership •	Leo Kopitski	Ranshaw
23	Kopitsky Bros. @	Edward Kopitsky	Ranshaw
16-30	Koppenhaver Coal Co. DM	Howard Koppenhaver	Tremont
19	Kost Coal Co. 0	Charles Kost	St. Clair
20	Kovach Coal Co. @	Alex Kovach	Kulpmont
21	Kowalchick, Michael BP	Michael Kowalchick	Minersville
30 19	Kreiser, Marvey R. W bk Krell & Herbert Co. S	Harvey R. Kreiser	Annville, R.D. 2
18	Krell & Herbert Co. S Kristoff Coal Co. DM @	Philip Krell G. Kristoff	Tamaqua, R.D. 3
20	Kudrick Coal Co. •	John Kudrick	Mary-D Girardville
30	Kulp & Straub Coal Co. •	Paul Kulp	Wiconisco
28	Kulpmont Coal Co. •	Michael Habowski	Kulpmont
1	Kuna Coal Co. S	Peter Kuna	Carbondale
29	L. & D. Coal Co. •	John Lauda	Keiser
15	L. & D. Mining, Inc. •	Gene Schan	Hazleton
20	L. & E. Coal Co. 0	Peter Elgin	Atlas
24	L. & G. Coal Co. 0	Earl Greager	Shamokin
16	L. & H. Coal Co. DM	David Lehman	Tremont
30	L. & K. Coal Co. O	Wilmer Long	Elizabethville
16	L. & L. Coal Co. 0	Floyd Long	Herndon
28	L. & L. Coal Co. o	John Lenig	Shamokin, R.D. 1
29	L. & L. Coal Co. O	Edward Little	Kulpmont
17 22	L. & M. Coal Co. O	George E. Lenig	Shamokin, R.D. 1
17	L. & M. Coal Co. • L. & N. Coal Co. •	George Lokitis Abraham L. Long	Centralia Trevorton
27	L. & N. Coal Co. O	John Neider	Joliett
16	L. O. B. Coal Co. •	Mark Osman	Valley View
19	L. & P. Partnership	Joseph Leashefski	Pottsville
17	L. & R. Coal Co. O	A. Raczkowskie	Shamokin
22	L. & R. Coal Co. 9	George Lokitis	Centralia
30	L. & R. Coal Co. W bk	Paul Long, Jr.	Wiconisco

29 L. & S. Coal Co. e Alfred Lisinsk: Shamokin 16 L. S. R. Coal Co. DM Roland Gilbert 29 L. & T. Coal Co. e Allen Lucas Tower Cityx R.D. 1 20 L. & W. Coal Co. e Allen Lucas Tower Cityx R.D. 1 21 L. & W. Coal Co. e Allen Lucas Tower Cityx R.D. 1 22 L. & W. Coal Co. e Allen Lucas Tower Cityx R.D. 1 23 L. & Coal Co. e Allen Lucas Koiser 24 L. & Coal Co. e Allen Lucas Koiser 25 L. & Z. Coal Co. e Allen Lucas Koiser 26 L. & Z. Coal Co. e Allen Lucas Koiser 27 L. & Z. Coal Co. e Allen Lucas Koiser 28 L. & Z. Coal Co. e MILITAL J. Calpin Scranton, 9 29 L. & Z. Coal Co. e MILITAL J. Calpin Scranton, 9 20 Ladita Coal Co. DM Michael Guillern 30 Larr Goal Co. e MILITAL J. Calpin Scranton, 9 31 Larr Goal Co. DM Michael Guillern 31 Larr Goal Co. e MILITAL J. Calpin Scranton, 9 32 Laurel Mill Coal Co. DM Anthony Weisscooky 32 Lazo Coal Co. e MILITAL Liddicote	District	Operator	General Manager	Address
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24 Linda Mining Co. © 11title Coal Co. O 25 Live Oak Coal Co. B 26 Locust Valley Coal Co., Inc. B bk 27 Lind Lombard Coal Co. O 28 Lombard Coal Co. O 29 Lome Star Coal Co. O 20 Lone Star Coal Co. O 21 Lombard Coal Co. O 22 Lone Star Coal Co. O 23 Lone Star Coal Co. O 24 Lone Star Coal Co. O 25 Long & Long Coal Co. O 26 Lougust Valley Coal 27 Lone Star Coal Co. O 28 Long Star Coal Co. O 29 Long & Long Coal Co. O 20 Long & Long Coal Co. O 21 Long Star Coal Co. O 22 Louse Coal Co. O 23 Long Coal Co. O 24 Lover Region Colliery BP 25 Lowland Coal Co. O 26 Lousa Coal Co. O 27 Lowland Coal Co. O 28 Lousa Coal Co. O 30 Lucas Coal Co. O 30 Lucas Coal Co. O 30 Lucas Coal Co. O 31 Lousa Coal Co. O 32 Lous Coal Co. O 33 Lucas Coal Co. O 34 Lytle Bros. Partnership O 35 Lucas Coal Co. O 36 M. B. G. Coal Co. O 37 M. B. G. Coal Co. O 38 M. B. G. Coal Co. O 39 M. B. G. Coal Co. O 30 M. B. G. Coal Co. O 30 M. B. G. Coal Co. O 31 M. Coal Co. O 32 M. Coal Co. O 34 M. Coal Co. O 35 M. Coal Co. O 36 M. Coal Co. O 37 M. Coal Co. O 38 M. Coal Co. O 39 M. Coal Co. O 30			Charles Manbeck	Schuvlkill Haven
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231 Lombard Coal Co., Inc. DM S Lone Pine Coal Co. 0 18		Locust Spring Coal Co. S	Charles Greco	Mount Carmel
Lone Star Coal Co. DM		Locust Valley Coal Co., Inc. B bk	Herman Yudacufski	Mahanoy City
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Lowland Coal Co. W bk Renneth E. Baum Schuylkill Haven			Thomas Anzulavich	Shamokin
16			Howard Tharp	Shamokin
16		Lowland Coal Co. W bk	Kenneth E. Baum	Schuylkill Haven
30		Lucas & Co., Earl 0	Earl Lucas	Hegins, R.D. 2
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29 M. & D. Coal Co. ● Charles Derck Shamokin 24 M. G. & S. Coal Co. ● Joseph Murin Mount Carmel 24 M. & J. No. 2 Slope ● Benjamin Jeremiah Shamokin 30 M. K. & Z. Coal Co. ● John W. Miller Loyalton 31 M. & L. Coal Co. ● John W. Miller Loyalton 32 M. & M. Coal Co. DM Walter Mudry Kulpmont 33 M. & M. Coal Co. DM Michael Olenick Mount Carmel 34 M. & M. Coal Co. DM Michael Olenick Shamokin 35 M. O. & O. Coal Co. ● Michael Olenick 36 M. & S. Coal Co. ● Francis Slotcayage Frackville 37 M. & S. Coal Co. ● William Brennan Mount Carmel 38 M. & W. Coal Co. ● William Brennan Mount Carmel 39 M. & T. Partnership ● Michael Dudash Port Carbon 30 M. & W. Coal Co. ● William Brennan Mount Carmel 30 M. & W. Coal Co. ● William Brennan Mount Carmel 31 M. & Z. Coal Co. ● Harry Melenchick Llewellyn 32 Macarelli Coal Co. DM Mathew Macarelli Wilkes-Barre 33 Macheskie Coal Co. ● Russell Mace Shamokin 34 Macheskie Coal Co. ● Walter Macheskie Keiser 35 Madenford Coal Co. ● Adam M. Machesic Trevorton 36 Madenford Coal Co. ● George Madenford Joliett	30	M. B. G. Coal Co. @	Ralph Miller	Pine Grove, R.D. 1
29 M. & D. Coal Co. • Charles Derck Shamokin 24 M. G. & S. Coal Co. • Joseph Murin Mount Carmel 24 M. & J. No. 2 Slope • Benjamin Jeremiah Shamokin 25 M. & L. Coal Co. • Edward McGinley Kulpmont 25 M. & M. Coal Co. DM Walter Mudry Kulpmont 28 M. & M. Coal Co. • Machael Olenick Mount Carmel 20 M. & N. Coal Co. DM Michael Olenick 21 M. & N. Coal Co. DM Michael Olenick 29 M. O. & O. Coal Co. • Michael Olenick 19 M. & S. Coal Co. • Francis Slotcayage Frackville 19 M. & T. Partnership • Michael Dudash Port Carbon 20 M. & W. Coal Co. • Milliam Brennan Mount Carmel 21 M. & W. Coal Co. • Milliam Brennan Mount Carmel 22 M. & W. Coal Co. • Milliam Brennan Mount Carmel 24 M. & Z. Coal Co. • Harry Melenchick Llewellyn 25 Macheskie Coal Co. • Mathew Macarelli Wilkes-Barre 26 Macheskie Coal Co. • Mathew Macarelli Wilkes-Barre 27 Macheskie Coal Co. • Mathew Macarelli Keiser 28 Macheskie Coal Co. • Mathew Macarelli Keiser 29 Macheskie Coal Co. • Adam M. Machesic Trevorton 20 Macheskie Coal Co. • George Madenford Joliett			Robert McGonigal	Branchdale
20 M. 6.2 S. Coal Co. 9 30 M. & L. Coal Co. 0 25 M. & M. Coal Co. 0 26 M. & M. Coal Co. 0 27 M. & M. Coal Co. 0 28 M. & M. Coal Co. 0 29 M. & M. Coal Co. 0 20 M. & M. Coal Co. 0 30 M. & M. Coal Co. 0 31 M. & M. Coal Co. 0 32 M. & M. Coal Co. 0 33 Malter Mudry 43 Michael Olenick 44 M. & M. Coal Co. 0 45 Michael Olenick 46 Pottsville 47 M. & M. Coal Co. 0 48 Michael Olenick 48 Michael Michael Olenick 48 Michael Michael Michael 48 Michael Michael Michael 48 Michael Michael 48 Michael Michael 48 Michael Moroz 58 Macheskie Coal Co. 0 68 Michael Macheskie 58 Michael Michael 58 Michael Michael 58 Michael Michael 58 Michael 69 Michael 60 Michael			Charles Derck	Shamokin
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20 M. & N. Coal Co. DM Michael Olenick Pottsville 20 M. & S. Coal Co. DM Michael Olenick Pottsville 19 M. & S. Coal Co. O Michael Olenick Pottsville 19 M. & S. Coal Co. O Michael Olenick Pottsville 19 M. & T. Partnership Michael Dudash Port Carbon 20 M. & W. Coal Co. O William Brennan Mount Carmel 21 M. & W. Coal Co. O Fred Woodward Ashland 21 M. & Z. Coal Co. O Harry Melenchick Lewellyn 24 M. & Z. Coal Co. DM Matthew Macarelli Wilkes—Barre 17 Mace Coal Co. O Milliam Brennan Wilkes—Barre 18 Mace Coal Co. O Matthew Macarelli Wilkes—Barre 20 Macheskie Coal Co. O Walter Macheskie Keiser 19 Machesic & Crissinger Coal Co. O Adam M. Machesic Trevorton 20 Machesic & Crissinger Coal Co. O George Madenford Joliett		M. K. & Z. Coal Co. @	Edward McGinley	Kulpmont
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21			Anthony Malinoski	Mount Carmel
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22 M. & W. Coal Co. © Fred Woodward Ashland 21 M. & Z. Coal Co. © Harry Melenchick Llewellyn 24 M. & Z. Coal Co. © Daniel Woroz Shamokin 11 Macarelli Coal Co. © Matthew Macarelli Wilkes-Barre 17 Mace Coal Co. © Russell Mace Shamokin 20 Macheskie Coal Co. © Walter Macheskie Keiser 17 Machesic & Crissinger Coal Co. © Adam M. Machesic Trevorton 25 Madenford Coal Co. © George Wadenford Joliett		M. & T. Partnership @		
22 M. & W. Coal Co. © Fred Woodward Ashland 21 M. & Z. Coal Co. © Harry Melenchick Llewellyn 24 M. & Z. Coal Co. © Daniel Woroz Shamokin 11 Macarelli Coal Co. © Matthew Macarelli Wilkes-Barre 17 Mace Coal Co. © Russell Mace Shamokin 20 Macheskie Coal Co. © Walter Macheskie Keiser 17 Machesic & Crissinger Coal Co. © Adam M. Machesic Trevorton 25 Madenford Coal Co. © George Wadenford Joliett			William Brennan	Mount Carmel
Macarelli Coal Co.		M. & W. Coal Co. @	Fred Woodward	Ashland
Macarelli Coal Co.		M. & Z. Coal Co. @	Harry Melenchick	Llewellyn
17 Mace Coal Co. • Russell Mace Shamokin 20 Macheskie Coal Co. • Walter Macheskie 17 Machesic & Crissinger Coal Co. • Adam M. Machesic Trevorton 25 Madenford Coal Co. • George Madenford Joliett		M. & Z. COAL CO. Q		Shamokin
20 Macheskie Coal Co. • Walter Macheskie Keiser 17 Machesic & Crissinger Coal Co. • Adam M. Machesic Trevorton 25 Madenford Coal Co. • George Madenford Joliett			Matthew Macarelli	Wilkes-Barre
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25 Madenford Coal Co. • George Madenford Joliett				
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Siterianousit			Joseph Makarcyzk	

District	Operator	General Manager	Address
27	Malho Coal Co. BP DM	Anthony Malho	Lavelle
25	Malusky Coal Co. 0	Joseph Malusky	Minersville
27	Mammoth Coal Co. S	Herman Belardi	Lost Creek
21	Manbeck Dredging Co. W bk	Theodore R. Sterner	Pottsville, R.D. 1
29		Ineodore k. Sterner	
	Maple Coal Co. 6	Thomas Kulbacki	Shamokin
21	Maple Spring Coal Co. BP	Joseph Penna	Seltzer
30	Marchuk Coal Co. @	Steve Marchuk	Reinerton
15	Marko Coal Co. 0	John Marko	Shenandoah
21	Marko Land Co. S	Paul Kerrigan	Frackville
18	Markosky & Ponzurick Co. 9	Joseph Markosky	Zion Grove
17	Marquette Coal Co. @	Darwin H. Marquette	Shamokin
1	Masters Contracting Corp. S	Jack Masters	Kingsley
27	Mataka Coal Co. 0	John Mataka	Pottsville,R.D. 2
i	Matisko Coal Co. bk	John Matisko	Lake Ariel
26	Matrishin Coal Co. 0	John Matrishin	Barnesville
28-29	Mattis Coal Co. 9	Frank Mattis	Shamokin
21			
	Matz Coal Co. •	Andrew Matz	Pottsville, R.D. 1
30	Mauser Coal Co. 0	Albert Mauser	Loyalton
16	Maurer Coal Co., Clark DM	Clark Maurer, Jr.	Hegins
28	Maurer Mine, Paul @	Paul Maurer	Shamokin
28	Maurer Mine, Raymond @	Raymond Maurer Wilmer Maurer	Helfenstein
30	Maurer Coal Co., Wilmer DM	Wilmer Maurer	Hegins, R.D. 2
23	Mayton Bros. 0	Joseph Mayton	Shamokin
26	Mazaika Bros. Coal Co. BP	Edward Mazaika	Tamaqua, R. D. 2
2	Mazzone Coal Co. DM	Delmo Mazzone	Peckville
15	McAdoo Coal Mining 0	Gene Pinter	McAdoo
29	McBab Coal Co. 0	William Klokis	Shamokin
27	McDonald, Joseph S	Joseph McDonald	Girardville
19	McDonard, Joseph J	Dishard McDilleto	Ch Clair
	McElvaney Coal Co.	Richard McElvaney	St. Clair
30	Meadowbrook Coal Co. BP	Leslie Kimmel	Tower City
20	Megosh Coal Co. 0	Stephen Megosh	Mount Carmel
20	Mekosh Coal Co. @	John Mekosh	Ashland
22	Mekosh Coal Co. •	Nicholas Mekosh	Keiser
27	Mercury Coal Co. DM	Leon Richter	Tremont
27	Mercy Coal Co. DM	Marvin Bender	Tower City
15	Merola Coal Co. 0	Joseph Merola	Pardeesville
27	Metzinger Coal Co. DM	Donald Metzinger	Lavelle
27	Mickey Coal Co. 0	Joseph Mickatavage	Lavelle Ashland
1	Micklick Coal Co. 0	Steven Micklick	Jessup
2	Mid-Valley Coal Co. DM	Anthony Matrone	Old Forge
20	Mike's Coal Co. 0	Michael Koropchak	Atlas
20	Miles Coal Co. DM	Walter Milewski	Mount Carmel
15			
	Miller & Co. •	Peter Miller	Nuremberg
20	Miller Coal Co. 0	John Miller	Mount Carmel
29	Miller Coal Co. @	John Miller	Shamokin
27	Miller Coal Co. DM	Clifford Ossman	Hegins
30	Miller-Miller Coal Co. 0	Ralph Miller	Pine Grove, R.D. 1
19	Minarick Coal Co. 0	Thomas Minarick	Cumbola
22	Mince Coal Co. @	Felia Bogdon	Shenandoah
17	Minel, Inc. S	Stanley S. Korenkiewicz	Trevorton
15	Mineralis Recovery Corp. B bk	Eugene Beaver	Hazleton
21	Minersville Coal Co., Inc. BP	Leo Strenkoski	Minersville
20	Mirolli Coal Slope 9	Peter Mirolli	Keiser
21	Mitchell Coal Co. 0	Andrew Mitchell	Pottsville, R.D. 2
26	Mockinick, Metro 9	Metro Mockinick	Delano
2-3	Mockinick, metro w	Earl W. Lamb	Scranton
	Moffat Coal Co., Inc. DM S B	Earl W. Lamb	
3	Monroe Co., Inc. W bk	David Bressler	Scranton
21	Montrose Coal Co. DM	William Brennan	Minersville
17-28	Moore Coal Co. 0	Claude A. Moore	Shamokin, R.D. 2
20	Morack Coal Co. 0	John Morack	Mount Carmel
26	Moran & Co. @	David Moran	Barnesville,R. D.
24-29	Morata Coal Co. 0	Lawrence Morata	Keiser
26	Morea Mining Co., Inc. S	Albert Peca	Mahanoy City
30	Morgan Coal Co. 0	Ira Morgan	Williamstown
30	Morgan Coal Co., Herman @	Herman Morgan	Williamstown
16	Morgan & Harner Co. DM	Ario Morgan	Hegins, R. D. 1
30	Morgan & Sitlinger Coal Co. 9	Hamman Managan	Williamstown
29	Motto Bros. Coal Co. 9	Frank J. Motto	Excelsion
29	Motto Partnership @	Frank J. Motto	Excelsion
18	Mountainside Coal Co. BP	J. Keller	
2			Tamaqua, R.D. 3 Old Forge
	Mountain Slope Coal Co. DM	Luke Keating	
25	Mountain Top Coal Co. 0	William Vesay	Minersville
20	Murin Coal Co. 0	Joseph Murin	Mount Carmel
19	Myown Coal Co. 0	Francis Stanton	Cumbola

District	Operator	General Manager Victor Nestico Anthony J. Novrocki Victor Nestico Nick Savoy	Address
29	N. & G. Coal Co. @ N. & L. Coal Co. @	Victor Nestico	Kulpmont
17 29	N. & M. Coal Co. O	Victor Neetico	raxinos, K. D. I
3		Nick Savoy	Wyoming
25	N. & R. Coal Co. bk Nagle, Inc., W. Joseph S Nahodil Coal Co. © National Mining Co. DM Natural Coal Co. © Neumeister Coal Co. © Neumeister & Son Coal Co. © Neumeister Coal Co., Martha Neumeister Coal Co., DM Newphil Coal Co. DM	W. Toseph Nagle	Crassona
	Nahodil Coal Co. 0	Russell Nahodil	Shamokin
29	National Mining Co. DM	Vincent Varano	Shamokin
17	Natural Coal Co. @	John J. Bogetti	Shamokin
21	Neumeister Coal Co. Neumeister & Son Coal Co.	Irvin Neumeister	Ashland, R.D. 1
21	Neumeister & Son Coal Co. @	Harvey Neumeister	Hegins, R. D. 2
27	Neumeister Coal Co., Martha	Marlin Neumeister	Ashland
	Neumeister Coal Co. DM	Warren Neumeister	Ashland
		Albert Klimas Harvey Kroh Donald Ney	New Philadelphia Valley View Cumbola Tremont
	Ney Coal Co. DM	Harvey Kroh	Valley View
19	Ney Partnership •	Donald Ney	Cumbola
16	Ney & Lehman Coal Co. DM	Marlin Lehman	
18	Niadna Coal Co., Frank	Frank Niadna	Brockton
24 17	Ney & Lehman Coal Co. DM Niadna Coal Co., Frank North Line Coal Co. S North Side Coal Co. Northwest Mining Co., Inc. B DM Noyalas Coal Co. Northwest Coal Co. Northwest Coal Co. Northwest Coal Co.	C. Wayne Iroxell	Snamokin
1	North Side Coal Co. 9	Thomas I Cillan In	Ashrand
19	Novelne Conl Co. 6	Edward Noveles	Emackedile
28	Number One Vein Coal Mine Co. 6 DM	Paymond Veefer	Shamokin
30	Number Four Coal Co. DM	Frank Lucas	Hegins
29	Number Five Vein Coal Co.	Edward Little	Kulpmont
20	Niadna Coal Co., Frank © North Line Coal Co. S North Side Coal Co. S North Side Coal Co. S Northwest Mining Co., Inc. B DM Noyalas Coal Co. © Number One Vein Coal Mine Co. © DM Number Flue Vein Coal Co. DM Number Flue Vein Coal Co. © Oak Coal Co. © Oak Coal Co., Co. © Oak Coal Co., Inc. BP Obrick & Krack Coal Co. © Oldrish Bros. Coal Co. © Old Forge Coal Co., Inc. B Old Mill Coal Yard BP Olenick Bros. Coal Co. BP Olenick Coal Co. © Olesky & Co. © Oliver Coal Co. DM Olman Coal Co. © Olsenevich & Mosley © Crbit Coal Co. © Combit Coal Co. © Olsenevich & Mosley © Crbit Coal Co. ©	Vincent O'Neill	Ashland
23-29	Oak Coal Co. @	Harold Weikel	Shamokin
25	Oakwood Coal Co., Inc. BP	David Deaven	Pine Grove
20	Obrick & Krack Coal Co. 0	Edward Krack	Kulpmont
23	Olbrish Bros. Coal Co. @	Edward Olbrish	Kulpmont
2	Old Forge Coal Co., Inc. B	Louis A. Bernardi	Old Forge
21	Old Mill Coal Yard BP	Raymond Stein	Llewellyn
21	Olenick Bros. Coal Co. BP	John Olenick	Pottsville,R.D. 1
21	Olenick Coal Co.	John Olenick	Pottsville,R.D. 1
19	Oliver Cool Co	Vincent Olesky	New Philadelphia
11 26	Oliver Coal Co. Dm	Wincest Olmes	Matdaa
23	Olseppyich & Mosley &	Wichael Oleanavich	Chamakin
30	Orbit Coal Co.	Thomas F. Daubert	Pine Grove P.D
2	O'Toole, John F. S	Vincent Olesky Albert Oliver Vincent Olman Michael Olsenevich Thomas E. Daubert John F. O'Toole Norman Otto James Faust Paul Cherrybon	Scrapton
21	Otto & Son Coal Co. @ DM	Norman Otto	Hegins
	Outcrop Coal Co. 0	James Faust	Shamokin
21	Overko Partnership @	Paul Cherrybon	New Philadelphia
18	Owl Coal Co. @	Clem Jones	New Philadelphia
30	P. & C. Coal Co. •	Andrew Perseponko, Sr.	Williamstown
20	P. & E. Coal Co. 0	Edward Yodis	Mount Carmel
19	P. F. & L. Partnership @	William Purnell	Pottsville, R.D.
19	P. H. & K. Partnership P.H. & N. Partnership P	Joseph Pitel	Pottsville
19	P.H. & N. Partnership @	Joseph Pitel	Pottsville
19	P. & J. Coal Co. @ P. & K. Coal Co. @	John Stasiowski	Ashland
18	P. & K. Coal Co. 0	J. Prosynchak	Mary-D
20 23	P. & M. Coal Co. S	Anthony Pavoris	Atlas
	P. & R. Coal Co. ● P. S. & S. Partnership ●	Mant Country	Atlas
	P. S. V. Partnership @	Norman Otto James Faust Paul Cherrybon Clem Jones Andrew Perseponko, Sr. Edward Yodis William Purnell Joseph Pitel Joseph Pitel John Stasiowski J. Prosynchak Anthony Pavoris Paul Pochekila Matt Snyder Bernard Pincoski Danlel Peron George Fronk Stanley Petrovich John Pahira Gordon Smith	Shamokin
	P. U. & K. Coal Co.	Daniel Peron	St Clair
	P. & W. V. Coal Co. R	George Fronk	Valley View
	P. & Z. Coal Co. 0	Stanley Petrovich	Kulpmont
15	Pahira Partners @	John Pahira	Ashland
16-25	Parkway Anthracite, Inc. BP DM	Gordon Smith	Pottsville
19	reschessisp coas co. e	Joseph Markowski	Port Carbon
		Bruce Culbert	Pottsville, R.D.
1	Pasternak Bros. S Pastusic Bros. DM BP	John Pasternak	Archbald
11	Pastusic Bros. DM BP	Joseph Pastusic	Laporte
17-24	Patrick Coal Co. 0	Joseph J. Patrick	Shamokin
19	Peach Coal Co. @	Daniel Peron Gaorge Fronk Stanley Petrovich John Pahira Gordon Smith Joseph Markowski Bruce Culbert John Pasternak Joseph Pastusic Joseph J. Patrick William Flail E. Stillwagner Charles Steranko	Shamokin Frackville Mary-D Pottsville Mahanoy City Pottsville Pottsville, R.D. : Shamokin Archbald Hazleton
18	Peach Mountain Coal Co. @	E. Stillwagner	Mary-D
19	Peach Mountain Partnership	Charles Steranko	Pottsville
26	Peach Mountain Coal Co. Peach Mountain Partnership Peca Coal Co., Inc. DM Peck Coal Co.	Albert Peca	Mahanoy City
	Peck Coal Co. •	Joseph Peck Anthony Pellish Edward V. Twiggar Richard Fabbri Steve Perchak	Pottsville
	Pellish Partnership	Anthony Pellish	Pottsville, R.D.
	Penag Coal Co. B DM Penbrook Coal Co. B bk	Dichard Fabbai	Amahbald
	Perchak Tucking Co. bk	Steve Perchak	Hazleton
23	Perles Coal Co. •	John Perles	Elysburg
23	Petro Coal Co. @	George Nemeth	Kulpmont

District	Operator	Coneral Manager	Addmana
29	Petrovich Coal Co. @	General Manager Stanley Petrovich	Address Kulpmont
17	Phillips Coal Co. DM	Lewis H. Phillips	Shamokin
30	Phoenix Contracting Co. W bk	William L. Jones	Pottsville
1	Pientack Coal Co. DM	Henry Pientack	Archbald
25	Pinchorski Coal Co. 0	George Pinchorski	Williamstown
30	Pine Creek Coal Co. BP	Harrison Klinger	Spring Glen
22-27	Pine Ridge Mining Co., Inc. BP S bk	Paul Kerrigan	Ashland
17	Pine Tree Coal Co. @	Blair E. Deibler	Shamokin
20	Pitok Coal Co. 0	Frank Pitok	Shenandoah
20	Pizzoli Bros. Coal Co. DM	Charles Pizzoli	Atlas
26	Pleasant Hill Coal Co. DM	John Gurski	Mahanoy City
29	Plymouth Coal Co. @	Peter Bendas	Ranshaw
29	Polinka Coal Co. 0	Theodore Horoshak	Shamokin
15	Pollock Trucking Co., Ken bk	K. L. Pollock	Hunlock Creek
1	Pompey Coal Co. B	Charles Pompey	Jessup
17	Poplar Coal Co. 9	Paul L. Nye	Shamokin
20	Poponick Bros. Coal Co. •	John Poponick	Keiser
11 25	Popple Coal Sales, Raymond bk	Raymond Popple	Pittston
19	Potts Contracting Co. BP	Allen Potts Joseph Biscoe	Pine Grove Gilberton
19	Primrose Coal Co. @ Prospect Coal Co. @	Edward Kozlusky	
19	Pure Coal Co. 0	Anthony Chavokus	Port Carbon Port Carbon
13	R. A. Corporation S	Albert Biscontini	Nanticoke
30	R. D. S. Coal Co. 9	Stiney Rodichok	Williamstown
16	R. & J. Coal Co. DM	Mark Minnich	Pine Grove, R.D. 1
18	R. & J. Construction Co., Inc. bk	A. J. Breslin	Tamaqua
16	R. & K. Coal Co. DM	George Rigdosh	Wiconisco
20	R. K. & K. Coal Co	John Racilla	Ranshaw
19	R. & L. Partnership @	Wilbert Reber	Pottsville, R.D. 3
20	R. & L. Coal Co. 0	Francis Revenis	Centralia
30	R. & M. Coal Co. •	Arthur Rowe	Loyalton
24	R. & M. Mining Co. @	Emilio Rosini	Shamokin, R. D. 1
22	R. & P. Mining 0	Joseph Perlacia	Frackville
24	R. & P. Coal Co. 6	John Yadwinski	Shamokin
18	R. & R. Coal Co. W bk	A. Roinick	Lehighton, R.D. 2
22	R. & S. Coal Co. 0	Walter Roland	Centralia
30	R. & S. Coal Co. DM	Frank Sinko	Shamokin
20	R. & W. Coal Co. @	William Weir	Ashland
28	R. & Z. Coal Co.	Irvin Reigle	Shamokin, R.D. 2
15 17	Racho, George bk Raczkowskie & Sons ©	George Racho A. Raczkowskie	Hazleton Shamokin
15	Rainbow Coal Co. 0	Anthony Paskey	Shenandoah
20	Raker Coal Co. DM	George Raker, Jr.	Aristes
23	Ramph Bros. Coal Co. 9	Melvin Ramph	Kulpmont
21	Raudenbush & Gustwa Partnership @	William Raudenbush	Llewellyn
25	Ray Coal Co. 0	Ray Edwards	Pottsville
17-19-21	,	,	
23-26-27	Reading Anthracite Co. BP S W bk	John W. Rich	Pottsville
23	Redd, Joseph @	Joseph Redd	Kulpmont
17	Reed Brothers @	John M. Reed	Shamok in
17	Reed Mining Co. •	Charles A. Reed	Shamokin
17	Reed Mining Co. DM	John M. Reed	Shamokin
30	Reedy Coal Co. 0	Jacob L. Reedy, Sr.	Williamstown
30	Reedy Partnership Coal Co. W bk	Jacob L. Reedy, Sr.	Williamstown
27	Reichwein & Beury Coal Co. BP	Harol Reichwein	Ashland, R. D. 1
20	Reidinger Coal Sales bk	Joseph Reidinger	Paxinos
24	Reidinger Coal Service BP	Victor Reidinger	Paxinos
11	Reilly Contracting Co. bk	Timothy J. Reilly	Hazleton Muir
25 18	Reiner Coal Co. 6	Raymond Reiner Luther Reiseg	Barnesville
25	Reiseg & Chappell Coal Co. •	Guy Recla	Port Carbon
25 25	Rekla Coal Co. DM Renninger Coal Co., Inc. DM	Theodore Renninger	Zerbe
25	Renninger Coal Co., Inc. DM	Howard Renninger	Pine Grove
19	Renninger Partnership ©	Arthur Coulson	Pottsville
16	Renninger & Thompson Co. •	Theodore Renninger	Zerbe
27	Rickert Bros. Coal Co. DM	Thomas Rickert	Tower City
26	Ridge Mining Co. DM	Henry Shustack	Shenandoah
19	RiKi Corp. bk	Richard Ryon	Pottsville
2	Riverdale Industries Co., Inc.	Joseph Warness	Old Forge
22	Rockwell & Weir •	William Weir	Ashland
17	Rocky Mountain Coal Co. •	Melvin T. Kerstetter	Shamokin
29	Rocky Side Coal Co. •	Darwin Maurer	Shamokin

District	Operator	General Manager Peter Rodino	Address
15	Rodino Trucking Co., Peter S	Peter Rodino Frank Rodziewicz John Romanosky Evoldo J. Rosini John Rossinski Arthur Rowe R. C. Tyler	Hazleton
24 19	Rodziewicz Bros. Coal Co. © Romanosky Partnership ©	Trank Hodziewicz	Shamokin
17-24	Rosini Coal Co. BP S	Fyoldo J. Rosini	Shamokin
20	Ross Coal Co. 0	John Rossinski	Mount Carmel
30	Rowe Coal Co. 0	Arthur Rowe	Loyalton
26	Royal Anthracite Coal Co. BP	R. C. Tyler	Tamaqua, R.D. 2
29	Royal Coal Co. 4	Machigii Olalk	SHEMOK III
28	Royal Mining Co. 0	Frank Rosini	Shamokin
29 30	Royal Oak Coal Co. @ Running Bear Coal Co. @		Shamokin Reinerton
15	Rymarowicz, John 9	John Rymarowicz	McAdoo
22	S. A. S. Coal Co. 0	Joseph Almeda	Atlas
19	S. & D. Partnership @	Peter Smertsky	McAdoo Atlas Frackville Seltzer City Minersville Shamokin Lykens Landingville
25	S. & F. Coal Co. 0	John Federovich	Seltzer City
19	S. & G. Coal Co. O	John Federovich Joseph Shamonsky Joel Strausser Harold Schreffler	Minersville
29	S. & H. Coal Co. 0	Joel Strausser	Shamokin
30 19	S. & H. Coal Co. O S. & H. Partnership BP	Joel Strausser Harold Schreffler James Coller	Lykens Landingville
22	S. & K. Coal Co. 0	Mike Smolock	Centralia
30	S. & K. Coal Co. 0	Lamous Callada	Valley View
20	S. K. & S. Coal Co. 0		Locust Gap
	S. & M. Coal Co. O	Anthony Sardo	Throop
	S. & M. Coal Co. O	Edward McGinley	Kulpmont
27	S. & M. Coal Co. DM	Edward McGinley John Simodejka Matthew Strike	Throop Kulpmont Minersville Mount Carmel Valley View
28 16	S. & M. Coal Co. @ S. & S. Coal Co. DM	Lloyd Stutzman	Mount Carmel
19	S. & S. Coal Co. 0	Frank Szalku	Valley View St. Clair Mahanoy City
26	S. & S. Coal Co. O	Walter Sherkness	Mahanoy City
29			Kulpmont
30	S. & S. Coal Co. 0	Harold Schreffler	Lykens
2		Mariano Santarelli	Olyphant
25		James Schoffstall	lremont
26 25			Ringtown, R.D. 1 Minersville
16	S. & W. Coal Co. DM	C. Leonard Williamson	Valley View
30	S. & W. Coal Co. 0	Clarence Smeltz	Dornsife, R.D.
26	01110		
26	Sabol & Co. Sabol & Co. Sagon Coal Co. DM Salem Creek Coal Corp. BP	Joseph Sabol	Mahanoy City
29	Sagon Coal Co. DM	Joseph H. Brosius	Sagon
19 30	Salem Creek Coal Corp. BP	Louis J. Pagnotti, Jr.	West Pittston
13	Salic Coal Co. • Co. Sandming Co., Inc. DM Sanchez Construction Co. S Sanders Coal Co. • Co. Sandming Co., Inc. B S Savitski Bros. Coal Sales BP Scheib Coal Co. DM Scheib Coal Co., Thomas W. BP Schock, Norman C. S Schock, Norman C. S	Harry Salic	Williamstown
22	Sanchez Construction Co. S	Alanzo Sanchez	Minersville
23	Sanders Coal Co. @	Walter Anascavage	Shamokin
15	Sandy Run Miners & Producers, Inc.B S	Thomas George	Freeland
20	Savitski Bros. Coal Sales BP	Joseph Savitski	Atlas
21	Scheib Coal Co. DM	Michael Scheib	Tremont
30 22	Scheib Coal Co. 9	Clarence Scheib	Hegins, R.D. 1
25	Schnack Coal Co. Thomas W BD	Thomas W Schneck	Dina Grove
18	Schock, Norman C. S	N. C. Schock	Tuscarora
11	Scranton Excavating Co. S	Rocco Domiano	Old Forge
19	Schneck Coal Co., Thomas W. BP Schock, Norman C. S Scranton Excavating Co. S Scutta Coal Co., Inc. B bk Schuylkill Contracting Co. S Schuylkill Fuels, Inc. bk Schwartzlander Coal Co. DM	Robert Scutta	Tamaqua
21	Schuylkill Contracting Co. S	James V. Ryan	Pottsville, R.D. 2
23 27	Schuylkill Contracting Co. S Schuylkill Fuels, Inc. bk Schwartzlander Coal Co. DM Seaboard Industries, Inc. bk Sejuit & Wisneskie Coal Co. Ø	James v. Ryan J. F. McCall Jacob Schwartzlander J. D. Howley Tohn Sainit	Pottsville
18	Seaboard Industries Inc	T D Howley	1 remour
20	Sejuit & Wisneskie Coal Co. 0	John Sejuit	Kulpmont
21	Selkirk Coal Co. 0	Chester Zelinsky	Cumbola
26	Semanco & Chuppasko @	John Semanco	Gilberton
30	Shade, John A. S Shade Coal Co. DM	John A. Shade	Cumbola Gilberton Valley View Valley View Frackville Shamekin
16	Shade Coal Co. DM	Lawrence Shade Harry Shadel Darwin Maurer Charles B. Deitrick Steve Shallamanda Tony Donofrio Leo Slominsky Allan Shoffler	Valley View
15 29	Shadel Coal Co., Harry © Shady Side Coal Co. ©	Harry Shadel	Frackville
29	Shady Side No. 2 Mine •	Charles B. Deitrick	Shamokin
25	Shally Construction Co. •	Steve Shallamanda	Ashland, R.D. 1
25	Sharp Mountain Coal Co. @	Tony Donofrio	Pine Grove, 1
15	Shenandoah Coal Co. 0	Leo Slominsky	Shenandoah
29	Shoffler Coal Co. •	Allan Shoffler	Kulpmont
30 30	Shomper Coal Co. BP 0	Russell Shomper, Sr.	Williamstown
16	Short Mountain Slope Coal Co. DM Shuey Coal Co. DM	Mark Reed Leroy Shuey	Spring Glen Hegins, R. D. 1
	,	zozo, onde,	meganes no De 1

District	Operator	General Manager	Address
19	Silver Creek Coal Co., Inc. BP Siminitus Coal Co. © Simoes & Co. © DM	Michael I. Herbert	Minercyille
21	Siminitus Coal Co @	Edward Ciminitus	Dotterville D D 1
25	Cinco Co Co DM	Manual Cimera	Pottsville, R.D. I
23	Skeeter Coal Co. 9	Winner Simoes	Mananoy City
2	Skeetel Coal Co.	Vincent Yankoski	Shamokin
21	Ski Coal Co. 0	Charles Marquette	Shamokin Ashland Gilberton New Ringgold
26	Skidmore Coal Co. DM	Peter Klem	Gilberton
18	Skriphek Coal Co. Skriphek & Gall Partnership Skytop Coal Co., Inc. BP Slenska Coal Co. S	Daniel Skripnek	New Ringgold Pottsville, R.D. 3 Mahanoy City Mayfield Shamokin
19	Skrobak & Gall Partnership •	Adam Skrobak	Pottsville, R.D. 3
26	Skytop Coal Co., Inc. BP	John Periera	Mahanoy City
1	Slenska Coal Co. S	Michael Slenska	Mavfield
23	Slenska Coal Co. S Slodysko Coal Co. © Small Three Coal Co. © Smelt Coal Co. © Smith Coal Co. © Smith Coal Co. DM	Adam Slodysko	Shamokin
29	Small Three Coal Co. 0	Peter Olesnevich	Ranshaw Dornsife, R.D. Delano Aristes Locust Gap Tower City
30	Smelty Coal Co A	Clamence Smeltz	Downeife P D
18	Smeltz coel co. •	Uanhana U Colah	Dollislie, R.D.
22	Smith Coal Co. 9	Clarence Crish	Delano
	Smith Coal Co. 9	Clarence Smith	Aristes
27	Smith Coal Co. DM	Louis Smith David Salada John Soroka	Locust Gap
16	Smith & Salada Co. 0	David Salada	Tower City
29	Soroka & Merena Coal Co. 0	John Soroka	Excelsion
27	Sorokach Coal Co. 0	David Salada John Soroka Michael Sorokach Frank Soucheck, Jr. Ira Wilkinson D. H. Warne	Minersville
26	Soucheck & Co. @	Frank Soucheck, Jr.	Mahanoy City
28	South Mountain Coal Co. 0	Ira Wilkinson D. H. Warne	Trevorton
18	South Tamaqua Coal Pockets BP	D. H. Warne	Tamagua, R.D. 3
25	South Tamaqua Coal Pockets BP Spancake & Herring DM Spirko Partnership Split Coal Co.	Milton Spancake	Pine Grove, 2
21	Spirko Partnership @	Max Spirko	Pottsville, R.D. 1
17	Split Coal Co. 0	Paul I. Nya	Shamokin
24	Salit Vein Coal Co BD	Elwood Cwank	Davinos
18	South Tamaqua Coal Pockets BP Spancake & Herring DM Spirko Partnership ® Spilt Coal Co. ® Spilt Coal Co. ® Spilt Vein Coal Co. BP Spring Greek Coal Co. BP Spring Glen Coal Co. DM Springfield Coal Co. DM Stag Coal Co. © Stall & Shade Coal Co. DM Stan Coal Co. ® Stan Coal Co. ® Stan Coal Co. ® Star Coal Co. M	I Bechtel	Paxinos Tamaqua, R.D. 3
10	Spring Creek Coal Co. Br	L. Decitei	Temaque, R.D. 3
30	Spring Gien Coal Co. DM	A. R. Williamson	valley view
17	Springfield Coal Co. DM	Stanley S. Korenkiewicz	lrevorton
29	Stag Coal Co. 0	Frank Kuchinski	Shamokin
16	Stahl & Shade Coal Co. DM	John Stahl	Valley View
17	Stan Coal Co. 0	Frank J. Stankiewicz	Shamokin
30	Stanmar Mining Co. 0	Stanley Lucas	Hegins, R.D. 2
28	Star Coal Co. 0	Bernard Stellar	Kulpmont
30	Starnosky Coal Co., Eugene 0	Eugene Starnosky	Williamstown
18	Starr Coal Co. DM	M. J. Bubel	Brockton
24	Stammar Mining Co. Starnosky Coal Co., Eugene Starnosky Coal Co., Eugene Starnosky Coal Co. DM Steam Coals, Inc. BP Stellar Brothers Coal Co. & Stipp Construction Co. bk Stockton Mining Co. DM Stonehill Coal Co. BP Stoppi Coal Co. © Straub & Kulp Coal Co. DM Strohecker Coal Co. BP Studlack Partnership Studlack Partnership Studlack Partnership Stump Coal Co. © Stump Coal Co. © Styn Coal Co. © Sullivan Trail Coal Co. Sun Coal Co. © Sunshine Coal Co. BP	C. Wayne Troxell	Shamokin
28	Stellar Brothers Coal Co. 6	Bernard Stellar	Kulpmont
3	Stinn Construction Co hk	Herbert Kneller	Scranton
15	Stockton Mining Co DM	Toeach McCluckey	Harleton
30	Stockton mining Co. DM	Joseph Modiuskey	Levelton
27	Stonenili Coal Co. Br	Lester nessinger	Loyalton
27	Stoppi Coal Co. 9	Michael Stoppi	FrackVille
30	Straub & Kuip Coal Co. DM	Paul Kulp	Wiconisco
30	Strohecker Coal Co. BP	Joel Strohecker	Elizabethville
21	Studlack Partnership @	George Studlack	Minersville
27	Stumpf Coal Co. 0	Kenneth Stumpf	Pottsville
30	Stump Coal Co., F. B. @	F. B. Stump	Pine Grove, R.D. 2
26	Styka Coal Co. 0	Edward Styka	Barnesville, R.D.
11-15	Sullivan Trail Coal Co. S	Frank Moran	West Pittston
28	Sun Coal Co. 0	John Nolan	Shamokin
28	Sunshine Coal Co. BP	Ralph H. Steinhart	Trevorton
16	Superior Coal Co BD		
11-14	Susquehanna Coal Co. DM S BP	William Moore	Nanticoke
17	Swamp Coal Co. 0	Toronh G. Murin	Mount Carmel
25	Swatara Coal Co. BP	Roy Blyler William Moore Joseph G. Murin W. Pryce Parker Adam Swift Raymond Swilp Raymond Swilp Alec Szalku Paul Szido Thomas Palembas David Taylor	Minercyille
24	Swift Coal Sales BP	Adam Culfe	Chamakin
		Ruam Swift	Transport D D O
19	Swilp Bros. Coal Co. 0	Raymond Swilp	lama qua, R.D. 2
19	Swilp Partnership @	Raymond Swilp	lamaqua, K.D. 2
19	Szalku Coal Co. •	Alec Szalku	St. Clair
20	Szido Coal Co. 0	Paul Szido	Kulpmont
20	T. & B. Coal Co. C	Thomas Palembas	Mount Carmel
29	T. P. Coal Co. @	David Taylor	Shamokin
29	T. & W. Coal Co. 0	Leo Timko	Shamokin
17	Taglieri Coal Co. @	Harry A. Taglieri	Trevorton
11	Talamelli Coal Co. DM Talbot Realty & Mining Co., Inc. S Taris & Co. © Tedesco Bros. Coal Co. BP	Velio Talamelli	West Wyoming
19-30	Talbot Realty & Mining Co Inc. S	Paul Kerrigan	Frackville
26	Taris & Co. 0	Joseph Taris	Mahanov City
15	Tedesco Bros. Coal Co. BP	Frank Tedesco	Hazleton
25	Tesaco Coal Co. DM	Harry A. Taglieri Velio Talamelli Paul Kerrigan Joseph Taris Frank Tedesco Leonard Contarino Blair Faust	Pottsville
24	Thin Vein Coal Co. 9	Blair Faust	Shamok in
29	Thomas Coal, Inc. BP DM S	George P. Thomas	Shamokin
19	Three "C" Coal Co. 0	Adam Cooper	Port Carbon
30	There (3) II Con) Co DM	Blair Faust George R. Thomas Adam Cooper	Shamokin Port Carbon Tremont
30	Three (3) H. Coal Co. DM	Harvey Herring	11 emont

District	Operator Three Par Coal Co. e Tokarchek Coal Co. e Tokarchek Coal Co. e Trom & Joe Coal Co. e Trip Coal Co. e Trip Coal Co. e Trip Coal Co. e Trip Coal Co. e Triple Soal Co. e Under Soal Co. e U. & M. Coal Co. DM S Twin Coal Co. e U. & M. Coal Co. DM Underkoffler Coal Service BP Unique Coal Co. e U. & M. Coal Co. e V. & M. Coal Co. e Valley Coal Co. DM Valosin Coal Co. DM Valosin Coal Co. e Virlage Slope Coal Co. DM Vinskie & Hoskie Coal Co. e Vical Coal Co. e W. S. Coal Co. e Walatis Coal Co. e Walatis Coal Co. e Wallinchus Contracting Co. DM Walinchus Contracting Co. DM Walinchus Coal Co. e Wallons Coal Co. e Wallons Coal Co. e Wallons Coal Co. e Wallons Coal Co. e Water Level Coal Co. e Wester Coal Co. e Wester Coal Co. e Wester Coal Co. c White Soc Coal Co. e White Sero Coal Co. e White Sero Coal Co. DM Whery Bros. Coal Co. DM Whery Bros. Coal Co. DM Whery Bros. Coal Co. e White Sero Coal Co. DM Wil	General Manager	Address
18	Three Par Coal Co. 0	William Lyons	Quakake
27	Tokarchek Coal Co. •	Michael Tokarchek	Minersville
20	Tom & Joe Coal Co. 0	William Brennan	Mount Carmel
28-29	Trevorton Coal Co. 0	Charles Renninger	Tremont
30	Trio Coal Co. 0	Alvin Morgan	Williamstown
17	Trip Coal Co. •	James R. Williams	Shamokin
2	Triple Coal Co., A. & C. DM	Rinaldo Alberigi	Jessup
17	Triple S Coal Co. 0	Andrew Johnson	Shamokin
28	Triple S Coal Co. •	Albert Shinskie	Mount Carmel
21	Tropp & Son Contracting Co. S	Lawrence Tropp	Pottsville, R.D. 2
2	Tucker Coal Co., Ellsworth @	Ellsworth Tucker, Sr.	Old Forge
2	Turnpike Coal Co. DM S	John Vitali	Dunmore
20	Twin Coal Co. @	Edward Prezlonski	Mount Carmel
28	Twin Oaks Coal Co. 9	Albert Shepley	Shamokin, R.D. 1
1	U. & M. Coal Co. DM	Paul Baldini	Archbald
30	Underkoffler Coal Co. 0	Glen Underkoffler	Williamstown
30	Underkoffler Coal Service BP	Herchell Underkoffler	Lykens
29	Unique Coal Co. S	Millard Long	Natalie
13	United Gas Improvement Co. bk	James Brownlee	Kingston
22	Urban Bros. @	Fabian Urban	Lost Creek
19	V. & L. Coal Co. •	Daniel Vockie	St. Clair
28	V. & M. Coal Co. @	Victor Kiersnowskie	Shamokin
11	V-R Coal Corp. DM	Albert Biscontini	Nanticoke
24	Valera Coal Co. 0	Lawrence Valera	Keiser
26	Valley Coal Co. BP	Stanley Leck	Tamaqua, R.D. 2
30	Valley Construction Co. DM	George Fronk	Valley View
25	Valosin Coal Co. S	Andrew Valosin	Branchdale
2	Village Slope Coal Co. DM	Rudolph Rosetti	Jessup
22	Vinskie & Hoskie Coal Co. @	Anthony Vinskie	Ashland
25	Viola Coal Co. •	Victor Viola	Pottsville, 2
1	Virby Coal Co. 0	George Virbitsky, Sr.	Eynon
29	W. B. W. Coal Co. @	Alphonse Witkowski	Ranshaw
29	W. & G. Coal Co. @	Frank Wilk	Shamokin
29	W. G. H. Coal Co. @	Frank Wilk	Shamokin
30	W. & L. Coal Co. @	Ray Lucas	Williamstown
30	W. L. S. Coal Co. @	Ray Lucas	Williamstown
29	W. P. M. Coal Co. 0	Frank Wilk	Shamokin
28	W. & S. Coal Co. 0	William Stellar	Kulpmont
16	W. & U. Coal Co. DM	Allen Umbenhauer	Pine Grove, R.D. 1
17	W. & W. Coal Co. @	Clair Wilkinson	Trevorton
11	W. W. Coal Sales BP	Louis Falzone	Wyoming
29	W. W. H. Coal Co. @	Frank Wilk	Shamokin
1	Waddell Coal Mining Co. B	Peter Brojak	Archbald
26	Wadleigh Coal Co. 0	Frank Mucha	Frackville
1	Wagner Coal Co. 0	Andrew Wagner	Jessup
27	Walaitis Coal Co. DM	John Walaitis	Frackville
26	Walinchus Contracting Co. DM	William Walinchus	Mahanoy City
24	Wallick Bros. Coal Co. @	Oscar Wallick	Shamokin
20	Wallons Corp. S	W. H. Moore	Shamokin
21	Walton, John BP	John Walton	Pottsville, R.D. 3
21	Waniski Coal Co. 0	Anthony Waniski	Pottsville, R.D. 2
27	Watcher Coal Co. @	Michael Watcher	Llewellyn
20	Water Level Coal Co. @	Leo Payeski	Kulpmont
25	Weihrauch's 0	Frank Weihrauch	Lebanon
26	Wessner Coal Co. BP	Lester Wessner	Tamaqua, R.D. 2
28	West Cameron Coal Co. DM	Albert Minker	Shamokin
17	West End Coal Co. @	L. M. Fisher	Trevorton
29	West Point Coal Co. •	Joseph Petrovich	Shamokin
27	West West Coal Co., Inc. DM	Leo Strenkoski	Minersville
21	Westwood Coal Co. @ DM	Charles Martin	Minersville
19	Whery Bros. Coal Co. @	Daniel Whery	Valley View
18	Whippoorwill Coal Co. DM	J. Tarconish, Sr.	Middleport
23	White & Co. 0	John White	Keiser
27	White Birch Coal Co. DM	Edmund Watkins	Ashland, R.D. 1
22	White Coal Co. 0	Wilbur White	Ashland
30	White's Vein Coal Co. DM	Clayton Shade	Spring Glen
26	Whytko & Co. @	Steve Whytko	McAdoo
29	Wilk Coal Co. 0	Joseph Wilk	Shamokin
19	Williams Partnership @	Evan Williams	New Philadelphia
16	Williamson Coal Co., A. R. DM	A. R. Williamson	Valley View

District		General Manager	Address
15	Wittig & Fellin @	William Wittig	Nuremberg
15	Wittig & Fuhrman @	William Wittig	Nuremberg
30	Wolfe Coal Co. @	Floyd Wolfe	Valley View
16	Wolfgang Coal Co. DM	Robert Wolfgang	Joliett
23	Wolfgang Coal Co. •	Paul Wolfgang	Mowry
21	Woratyla, Anthony BP	Anthony Woratyla	Pottsville, R.D. 2
25	Woratyla Coal Co. DM	Andrew Woratyla	Branchdale
24	Worhacz, Russell 0	Russell Worhacz	Shamokin
24	Worhacz & Appel Co. @	Russell Worhacz	Shamokin
21	Wyda Brothers bk	Michael Wyda	St. Clair
3-11	Wyoming Co. W bk	Frank J. Collins	Scranton
20	Y. & F. Coal Co. •	George Fago	Centralia
24	Y. & F. Coal Co. @	Anthony Yuricich	Shamokin
29	Y. & G. Coal Co. •	James Guisbert	Paxinos
20	Y. & K. Coal Co. •	Joseph Yatsko	Mount Carmel
29	Y. & R. Coal Co. @	Charles Bozinskie	Shamokin
24	Y. & W. Coal Co. @	John Willis	Shamokin
20	Y. & Y. Coal Co. @	Michael Yodis	Mount Carmel
23	Yanik Coal Co. 0	Joseph Yanik	Excelsior
23	Yankoski & Borkoski 🛮	Walter Borkoski	Ranshaw
18	Yanochko & Miller Coal Co. •	George Yanochko	Mary-D
20	Yasenchak & Co. •	George Yasenchak	Shamokin
19	Yeneshosky Coal Co. •	Edward Yeneshosky	New Philadelphia
18	Yob Coal Co. DM	Leo Yob	Schuylkill Haven
22	Yost Coal Co. @	Edward Yost	Mount Carmel
24	Yudacufski Bros. bk	Morris Yudacufski	Frackville
11	Z.O.M. Construction Co. bk	John Cremard	Duryea
29	Zagarski Coal Co. •	Albert Zagarski	Kulpmont
18	Zakrewsky Coal Co. DM	P. Zakrewsky	Barnesville
23	Zanella Bros. DM	John Zanella	Mount Carmel
17	Zerco Coal Co., Inc. DM	Charles J. Greco	Kulpmont
16	Zimmerman Coal Co. @	Donald Zimmerman	Pine Grove
25	Zimmerman Coal Co. DM	Marlin Zimmerman	Ravine
20	Zlocki Coal Co. @	Leonard Zlocki	Keiser
21	Zukowski Partnership @	Joseph Zukowski	Minersville
20	Zukus Coal Co., Anthony •	Anthony Zukus	Mount Carmel
20	Zukus Coal Co., Charles @	Charles Zukus	Mount Carmel
20	Zukus Coal Co., James 🛮	James Zukus	Mount Carmel

NOTE: DM - Denotes Deep Mines Employing Five (5) or More Persons.

9 - Denotes Deep Mines Employing Fewer Than Five (5) Persons.

S - Denotes Strip Mine Operations.

B - Denotes Breakers.

R - Denotes Coal Ramps.

BP - Denotes Breaker Preparation Only.

bk - Denotes Bank Operations.

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